# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# FORM 6-K

Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934

May 22, 2006

1-15240x (Commission File Number)

# JAMES HARDIE INDUSTRIES N.V.

(Exact name of Registrant as specified in its charter)

Atrium, 8th floor Strawinskylaan 3077 1077 ZX Amsterdam, The Netherlands (Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F ☑ Form 40-F □

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): Not Applicable

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): Not Applicable

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

# Yes 🗆 No 🗹

(If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): Not Applicable

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#### Safe Harbor Statement

The exhibits attached to this form 6-K contain forward-looking statements. We may from time to time make forward-looking statements in our periodic reports filed with or furnished to the United States Securities and Exchange Commission on Forms 20-F and 6-K, in our annual reports to shareholders, in offering circulars and prospectuses, in media releases and other written materials and in oral statements made by our officers, directors or employees to analysts, institutional investors, representatives of the media and others. Examples of forward-looking statements include:

- expectations that the conditions precedent to the Final Funding Agreement will be satisfied;
- expectations about payments to a special purpose fund for the compensation of proven asbestos-related personal injury and death claims;
- expectations concerning our Australian Tax Office amended assessment;
- expectations that our credit facilities will be extended or renewed;
- projections of our operating results or financial condition;
- statements regarding our plans, objectives or goals, including those relating to competition, acquisitions, dispositions and our products;
- statements about our future performance; and
- statements about product or environmental liabilities.

Words such as "believe," "anticipate," "plan," "expect," "intend," "target," "estimate," "project," "predict," "forecast," "guideline," "should," "aim" and similar expressions are intended to identify forward-looking statements but are not the exclusive means of identifying such statements.

Forward-looking statements involve inherent risks and uncertainties. We caution you that a number of important factors could cause actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements. These factors, include but are not limited to, the risk factors discussed under "Risk Factors" beginning on page 6 of our Form 20-F filed on July 7, 2005 with the Securities and Exchange Commission and: all matters relating to or arising out of the prior manufacture of products that contained asbestos by current and former James Hardie Australian subsidiaries; compliance with and changes in tax laws and treatments; competition and product pricing in the markets in which we operate; the consequences of product failures or defects; exposure to environmental, asbestos or other legal proceedings; general economic and market conditions; the supply and cost of raw materials; the success of our research and development efforts; our reliance on a small number of product distributors; compliance with and changes in ternationally; compliance with and changes in laws and regulations; foreign exchange risks; the successful implementation of new software systems; and the successful implementation of the internal control over financial reporting requirements of Section 404 of the Sarbanes-Oxley Act of 2002, as codified by Item 308 of Regulation S-K. We caution you that the foregoing list of factors is not exclusive and that other risks and uncertainties may cause actual results to differ materially from those in forward-looking statements. Forward-looking statements speak only as of the date they are made.

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# EXHIBIT INDEX

Exhibit No.	Description	
99.1	Preliminary Final Report - Q4 and Full Year FY2006 - Filed with the Australian Stock Exchange on May 15, 2006.	
99.2	Updated KPMG Actuarial Report as at 31/03/06 - Filed with the Australian Stock Exchange on May 15, 2006.	
99.3	Appendix 3B - Exercise of Options - Filed with the Australian Stock Exchange on May 15, 2006.	
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# **SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: May 22, 2006

James Hardie Industries N.V.

By: /s/ Benjamin Butterfield

Benjamin Butterfield Secretary

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# **Results for Announcement to the Market**

# James Hardie Industries N.V.

## ARBN 097 829 895

# Appendix 4E — Preliminary Final Report Year Ended 31 March 2006

Key Information	Year Ended 31 March			
	2006	2005		
	US\$M	US\$M	Movem	ent
Net Sales From Ordinary Activities	1,488.5	1,210.4	Up	23%
Operating (Loss) Profit From Continuing Operations After Tax Attributable to Shareholders	(506.7)	127.9	Down	
Operating (Loss) Profit Including Discontinued Operations Attributable to Shareholders	(506.7)	126.9	Down	
Net Tangible Assets per Ordinary Share	US\$0.20	US\$1.35	Down	85%

#### **Dividend Information**

- A dividend of US 4.0 cents per share/CUFS is payable to share/CUFS holders on 6 July 2006. A dividend of US 4 cents per share/CUFS was paid on 16 December 2005 and a dividend of US 6 cents per share/CUFS was paid on 1 July 2005.
- Record Date is 14 June 2006 to determine entitlements to the dividend payable to share /CUFS holders on 6 July 2006 (ie, on the basis of proper instruments of transfer received by the Company's registrar, Computershare Investor Services Pty Ltd, Level 3, 60 Carrington Street, Sydney NSW 2000, Australia, by 5:00 pm if securities are not CHESS approved, or security holding balances established by 5:00 pm or such later time permitted by SCH Business Rules if securities are CHESS approved).
- This dividend and future dividends will be unfranked for Australian taxation purposes.
- This dividend is subject to Dutch withholding tax of 25%. Many Australian resident holders may reduce the withholding tax rate to 15% deduction if they are eligible and have completed and lodged a
  current special Form A before dividend record date with the Company's registrar, Computershare Investor Services Pty Ltd, Level 3, 60 Carrington Street, Sydney NSW 2000, Australia. Holders with
  25% withholding tax may be eligible to reclaim a portion of the tax after payment date. For withholding tax information see: <a href="http://www.Jameshardie.com">www.Jameshardie.com</a> (select Investor Relations, then Shareholder services
  then Tax Information) or contact Computershare.
- The Australian currency equivalent amount of dividend to be paid to CUFS holders will be announced to the ASX on 15 June 2006.
- No dividend reinvestment plans are available for this dividend.

#### Movements in Controlled Entities during the year ended 31 March 2006

The following entities were incorporated: LGTDD Pty Ltd (6 September 2005), James Hardie Retail Inc (20 December 2005), Asbestos Injuries Compensation Fund Ltd (4 January 2006), James Hardie International Finance Holdings Sub I B.V. (13 March 2006) and James Hardie International Finance Holdings Sub I B.V. (13 March 2006).

The following entity was sold: James Hardie Fibrocementos Limitada (9 July 2005).

The following entities were liquidated: on 23 August 2005: James Hardie Australia Finance Pty Ltd, James Hardie FCTA Pty Ltd, James Hardie NSW Investments Pty Ltd and Snidloh Pty Ltd; on 14 October 2005: James Hardie Tech Pty Ltd, James Hardie Aust Investco Pty Ltd and James Hardie Aust Investco (Services) Pty Ltd; and on 29 December 2005: Ecanif Pty Ltd.

#### Audit

The results and financial information included within this Preliminary Final Report have been prepared using US GAAP and have been subject to an independent audit by external auditors.

# Results for the 4th Quarter and Year Ended 31 March 2006

- 1. Media Release
- 2. Management's Analysis of Results
- 3. Management Presentation
- 4. Consolidated Financial Statements

James Hardie Industries N.V. is incorporated in The Netherlands with corporate seat in Amsterdam. The liability of members is limited.

# media release

Analyst and Media enquiries about results, please contact Steve Ashe on Tel: 61 2 8274 5246; Mob: 61 408 164 011

# Full year operating profit excluding asbestos provision up 63% to US\$208.9 million Asbestos provision recorded

James Hardie today announced that its 4<sup>th</sup> quarter and full year results have been substantially affected by the recording of a net provision for estimated future asbestos-related compensation payments (asbestos provision) of US\$715.6 million at 31 March 2006.

The asbestos provision contributed to a decrease in operating profit from continuing operations for the three months ended 31 March 2006, down from US\$46.3 million in fiscal year 2005 to a loss of US\$650.9 million. For the full year, the operating profit from continuing operations fell from US\$127.9 million in fiscal year 2005 to a loss of US\$506.7 million.

For the 4<sup>th</sup> quarter, operating profit from continuing operations, excluding the asbestos provision of US\$715.6 million, increased 40% compared to the same quarter last year, to US\$64.7 million. The strong 4<sup>th</sup> quarter operating performance lifted the full year operating profit from continuing operations, excluding the asbestos provision, by 63% to US\$208.9 million.

The recording of the asbestos provision is in accordance with US accounting standards because it is probable that the company will make payments to fund asbestos-related claims on a long-term basis. The amount of the asbestos provision of US\$715.6 million (A\$1.0 billion) at 31 March 2006 is the company's best estimate of the probable outcome. This estimate is based on the terms of the Final Funding Agreement (FFA), which includes an actuarial estimate prepared by KPMG Actuaries Pty Ltd (KPMG Actuaries) as of 31 March 2006 of the projected future cash outflows, undiscounted and unifilated, and the anticipated tax deduction arising from Australian legislation which came into force on 6 April 2006. The company's ability to obtain this tax deduction under legislation remains the subject of an ongoing application to the Australian Tax Office (ATO). If the conditions precedent to the FFA, such as the tax deductibility of payments, are not met, the company may seek to enter into an alternative arrangement under which it would make payments for the benefit of asbestos claimants. Under alternative arrangements, the estimate may change.

The 4<sup>th</sup> quarter and full year results also include Special Commission of Inquiry (SCI) and other related expenses of US\$2.7 million and US\$17.4 million, respectively (US\$2.5 million and US\$16.5 million after tax, respectively); a US\$20.7 million benefit from the reversal of tax reserves relating to the resolution of certain tax audits; and a US\$13.4 million (US\$8.0 million after tax) impairment charge associated with the write-off of a pilot roofing plant, as previously announced.

In this Media Release, James Hardie may present the financial measures, sales volume terms, financial ratios, and Non-US GAAP financial measures included in the Definitions section of this document starting on page 8. The company presents financial measures that it believes are customarily used by its Australian investors. Specifically, these financial measures include "EBIT", "EBIT margin", "Operating profit from continuing operations", and "Net operating profit including discontinued operations". The company may also present other terms for measuring its sales volumes ("million square feet (mmsf)" and "thousand square feet (msf)"; financial ratios ("Gearing ratio", "Net interest expense cover", Net interest paid cover", "Net debt payback", "Net debt/cash"); and Non-US GAAP financial measures ("EBIT margin excluding asbestos provision", "EBIT excluding asbestos provision, impairment charge and SCI and other related expenses and write-back of tax provisions" and "EBITDA"). Unless otherwise stated, results are for continuing operations only and comparisons are of the 4<sup>th</sup> quarter and the full year versus the 4<sup>th</sup> quarter and full year of the prior fiscal year.

Excluding these items, operating profit from continuing operations increased 13% for the quarter to US\$54.5 million and 42% for the year to US\$212.7 million as shown in the following table:

US\$ Million	Q4 FY06	Q4 FY05	% Change	FY06	FY05	% Change
Operating (loss) profit from continuing operations	\$ (650.9)	\$ 46.3	_	\$ (506.7)	\$ 127.9	_
Asbestos provision	715.6	_	_	715.6	_	_
Operating profit from continuing operations excluding asbestos provision	64.7	46.3	40	208.9	127.9	63
Impairment of roofing plant (net of tax benefit of US\$5.4 million)	8.0	_	_	8.0	_	_
SCI and other related expenses (net of tax benefit)	2.5	2.1	19	16.5	22.3	(26)
Write-back of tax provisions	(20.7)	_	_	(20.7)	_	_
Operating profit from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions	\$ 54.5	\$ 48.4	13	\$ 212.7	\$ 150.2	42

# **Operating performance**

The 4<sup>th</sup> quarter highlights include a 23% increase in net sales to US\$389.8 million and a 15% increase in gross profit to US\$139.5 million. However EBIT was significantly impacted by the asbestos provision of US\$715.6 million booked in the quarter. EBIT excluding asbestos provision for the 4<sup>th</sup> quarter decreased by 18% to US\$53.0 million. The lower EBIT for the quarter is largely a consequence of a US\$13.4 million asset impairment charge related to the company's roofing business. EBIT excluding asbestos provision, impairment charge and SCI and other related expenses increased 1%.

Continuation of strong growth in the 4<sup>th</sup> quarter led to net sales for the year increasing 23% compared to last year, to US\$1,488.5 million. Gross profit was up 29% for the year and EBIT excluding asbestos provision, impairment charge and SCI and other related expenses, increased 39% to US\$311.5 million for the year.

USA Fibre Cement continued its strong growth momentum, with net sales up 32% for the quarter. However, higher costs during the quarter, including a lift in spending on growth initiatives, affected the bottom line with EBIT increasing 7%. For the full year, net sales increased 30% and EBIT was up 42%.

Market conditions during the 4<sup>th</sup> quarter were weak in the Asia Pacific Fibre Cement businesses. The Australia and New Zealand consolidated business increased sales 6% in Australian dollars, while the Philippines remained EBIT positive.

Diluted earnings per share from continuing operations for the quarter decreased from US 10.0 cents in the prior corresponding quarter to a net loss per share of US\$1.41, and from US 27.7 cents to a net loss per share of US\$1.10 for the full year.

Diluted earnings per share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions for the quarter, increased from US 10.4 cents to US 11.7 cents, and from US 32.6 cents to US 45.7 cents for the full year.

# 4th Quarter and Full Year Ended 31 March 2006 at a Glance

US\$ Million	Q4 FY06	Q4 FY05	%+\(-)	FY06	FY05	%+\(-)
Net sales	\$ 389.8	\$ 316.4	23	\$ 1,488.5	\$ 1,210.4	23
Gross profit	139.5	121.3	15	550.8	426.4	29
SCI and other related expenses	(2.7)	(3.7)	(27)	(17.4)	(28.1)	(38)
Impairment of roofing plant	(13.4)	—	_	(13.4)	—	_
Asbestos provision	(715.6)	—	—	(715.6)	—	—
EBIT	(662.6)	64.6	—	(434.9)	196.2	—
Net interest income (expense)	0.7	(0.6)	—	(0.2)	(5.1)	(96)
Income tax benefit (expense)	11.0	(17.9)	_	(71.6)	(61.9)	16
Operating (loss) profit from continuing operations	(650.9)	46.3	—	(506.7)	127.9	_
Net operating (loss) profit including discontinued operations	(650.9)	46.3	_	(506.7)	126.9	_

#### Commentary

James Hardie's Chief Executive Officer, Louis Gries, said: "Operationally, the strong 4 th quarter growth performance capped off an outstanding year for the company.

"Our US business exceeded its targets once again and it remains on track to meet its longer-term targets.

"We expect housing activity in North America to slow over the remainder of the calendar year, but still be at very solid levels. We have a track record of penetrating our target markets and are growing much faster than the market itself, and we expect this to continue," said Mr Gries.

#### Dividend

The company has today announced a final dividend of US 4.0 cents a share, which brings the total dividend for the year to US 8.0 cents, an increase of US 2.0 cents over last year's dividend. The dividend was declared in United States currency and will be paid on 6 July 2006, with a record date of 14 June 2006. The Australian currency equivalent of the dividend to be paid to CUFS holders will be announced to the ASX on 15 June 2006. ADR holders will receive their dividend in United States currency.

The company's ability to make distributions to shareholders from retained earnings is unaffected by the booking of the asbestos provision.

### USA Fibre Cement — Growth momentum continues

Net sales increased 32% over the same quarter last year to US\$325.6 million, due to a 22% lift in sales volume to 575.1 million square feet, and an 8% increase in the average net sales price to US\$566 per thousand square feet.

Despite expectations that the robust new housing construction market would 'cool' to more sustainable levels, unseasonably good weather helped buoy both the new housing and the repair and remodel segments and activity levels remained very strong during the quarter.

The business continued to increase market share and grow primary demand for its products in both its emerging and established geographic regions and in its interior and exterior product categories.

The strong sales performance for the quarter was partly offset by higher operating costs. Cost of sales was up 14% compared to the same quarter last year due to higher raw material and energy costs. Freight was up 13% due mainly to increases in oil prices, and SG&A expenses were up significantly due to an adjustment made in the quarter to the accrual for employee bonuses to reflect the improved full year profit performance, together with increased spending on growth initiatives and organisational infrastructure to accommodate the company's continued growth. EBIT for the quarter was 7% higher at \$82.7 million and 42% higher for the full year at US\$342.6 million. The EBIT margin was 25.4% for the quarter and 28.1% for the full year.

#### Australia and New Zealand (ANZ) Fibre Cement — Growing demand

Net sales for the quarter were up only slightly to US\$51.1 million. In Australian dollars, net sales increased 6% due to a 10% lift in sales volume, partly offset by a 4% decrease in the average sales price. The new housing and renovation markets softened further during the quarter, but the business increased sales volumes through market initiatives designed to grow primary demand for its products and by providing more value-added differentiated products.

The increase in net sales was offset by higher manufacturing, SG&A and freight costs. This resulted in EBIT from the ANZ business being 18% lower for the quarter at US\$9.2 million. For the full year, EBIT fell 8% to US\$38.9 million. The EBIT margin was 18.0% for the quarter and 17.8% for the full year.

### Philippines — EBIT positive

Net sales were lower than in the same quarter last year due to a slow-down in domestic construction activity and increased regional export competition from certain low-priced competitors. Higher average selling prices partly offset the impact of lower sales volume and the business recorded an EBIT positive result for both the quarter and full year.

# USA Hardie Pipe — Progress made

Net sales for the quarter fell short against the comparable period of last year, but were the highest of any quarter this year. The business is continuing to focus on growing sales in its core markets and improving profitability. A small EBIT loss was recorded for the quarter.

#### Europe Fibre Cement — Sales increasing

The business continued to grow sales by building awareness of its backer and siding products among distributors, builders and contractors and through expansion of its distribution network.

#### Income tax

During the quarter, the company successfully resolved certain of its tax audit issues, resulting in a reversal of reserves set up in prior years of US\$20.7 million.

As previously announced on 22 March 2006, RCI Pty Ltd (RCI), a wholly-owned subsidiary of the company, received an amended assessment from the ATO in respect of RCI's income tax return for the year ended 31 March 1999. The amended assessment relates to the amount of net capital gains arising as a result of an internal corporate restructure carried out in 1998 and has been issued pursuant to the discretion granted to the Commissioner of Taxation under Part IVA of the Income Tax Act 1936. The original amended assessment issued to RCI was for a total of A\$412.0 million. However, after a subsequent remission of general interest charges by the ATO, the total is now A\$378.0 million comprised of A\$172.0 million of primary tax after allowable credits, A\$43.0 million of penelties (representing 25% of primary tax) and A\$163.0 million of general interest charges.

The company believes that the tax position reported in RCI's tax return for the 1999 year will be upheld on appeal. Accordingly, at this time, the company is unable to determine with any certainty whether any amount will ultimately become payable by RCI or, if any amount is ultimately payable, the amount of any such payment. Therefore the company has not recorded any liability at 31 March 2006 for the amended assessment because, at this time, no such liability is probable and estimable in accordance with US accounting standards.

Readers are referred to Note 13 of the company's 31 March 2006 Financial Report for further information on the ATO amended assessment.

#### Asbestos compensation funding arrangement

Last quarter, the Board of JHI NV approved the FFA, subject to satisfaction of certain conditions, to provide long-term funding for Australian asbestos-related personal injury claims that result from exposure to products made by former James Hardie Australian Subsidiaries. Representatives of JHI NV and the New South Wales Government signed the FFA on 1 December 2005.

The FFA was negotiated in accordance with the terms of a non-binding Heads of Agreement signed on 21 December 2004 by the Australian Council of Trade Unions (ACTU), NSW Government, UnionsNSW, a representative of the asbestos claimants and JHI NV. It is a legally binding agreement and sets out the basis on which James Hardie will provide funding to a Special Purpose Fund (SPF).

The FFA is subject to a number of conditions precedent, including the tax treatment of the proposed funding arrangements and receiving the approval of James Hardie's lenders and shareholders.

The non-binding Heads of Agreement specified that tax deductibility of payments to the SPF was a condition precedent to proceeding to a binding agreement. This recognised that all parties to the Heads of Agreement agreed that tax deductibility of the payments is a critical factor regarding affordability of the proposed voluntary funding arrangements. James Hardie continues to discuss tax deductibility of the payments as well as the tax-exempt status of the SPF with the ATO and the Federal Treasury.

The booking of the asbestos provision is based on the company's assumption that the conditions to the effectiveness of the FFA will be fulfilled, including the achievement of tax deductibility of asbestos compensation payments. If these conditions are not fulfilled, the company is likely to propose an alternative settlement, in which case the amount of the provision may be adjusted to reflect the funds available for contribution by the company if deductibility is not achieved. Any such alternative settlement may be subject to conditions precedent and would require lender and shareholder approval.

#### **Recording of asbestos provision**

The recording of the asbestos provision is in accordance with US accounting standards because it is probable that the company will make payments to fund asbestos-related claims on a long-term basis. The amount of the asbestos provision of US\$715.6 million (A\$1.0 billion) at 31 March 2006 is the company's best estimate of the probable outcome. This estimate is based on the terms of the FFA, which includes an actuarial estimate prepared by KPMG Actuaries Pty Ltd (KPMG Actuaries) as of 31 March 2006 of the projected future cash outflows, undiscounted and uninflated, and the anticipated tax deduction arising from Australian legislation which came into force on 6 April 2006. The company's ability to obtain this tax deduction under legislation remains the subject of an ongoing application to the ATO. If the conditions precedent to the FFA, such as the tax deductibility of payments, are not met, the company may seek to enter into an alternative arrangement under which it would make payments for the benefit of asbestos claimants. Under alternative arrangements, the estimate may change.

Readers are referred to Note 12 of the company's 31 March 2006 Financial Report for further information on the voluntary funding proposal, and for information on SCI and other related matters.

#### Cash flow

The increased profit performance of the company resulted in an improvement in operating cash flow, which for the full year increased by 9% from US\$219.8 million to US\$240.6 million.

Net cash used in investing activities increased from US\$149.8 million to US\$154.0 million as the company continued to invest in increasing its production capacity.

#### Outlook

Housing construction in North America is expected to soften to more sustainable levels over the short to medium term as the gradual onset of higher long-term interest rates affects affordability and house price expectations.

National Association of Home Builders' Chief Economist David Seiders said in *The Seider's Report* of 11 April 2006: "A soft landing is still the best bet for the housing market in 2006-2007, despite the rather abrupt shift in the supply-demand balance in recent months, and we expect relative strength in rental housing and remodelling to partially offset moderate declines in sales and production of family homes and condo units."

Despite an expected moderate softening in new housing construction, the business expects to continue growing sales through further penetration of its targeted markets and by increasing the proportion of higher-priced differentiated products in its sales mix.

The business is expecting continued high raw materials, energy and freight costs in the first quarter of fiscal year 2007.

In Australia and New Zealand, a further softening of the new housing and renovations markets is expected over the short to medium-term. However, sales volumes are expected to increase through initiatives to grow primary demand for the company's products. Increased sales volumes and cost savings are expected to improve profitability.

Conditions in the Philippines are expected to remain difficult due to some continuing political and economic uncertainty, high levels of inflation, and the business' market share being aggressively pursued by competitors.

The company continues to incur costs associated with the SCI and other related matters, including: discussions with the Federal Treasury and ATO on the tax-deductibility of payments to the SPF to be established to provide long-term funding of proven asbestos-related claims for Australian personal injury claimants against former James Hardie Australian subsidiary companies; the tax exempt status of the SPF; co-operating with the Australian Securities and Investments Commission's ongoing investigation into the circumstances surrounding the establishment of the Medical Research and Compensation Foundation; providing an updated actuarial assessment of the total asbestos liabilities of the former subsidiary companies; and associated legal and advisory costs. These costs are likely to continue to be material over the short term.

In addition, as discussed in Note 12 of the company's 31 March 2006 Financial Report, the asbestos provision will be updated annually, based on the most recent actuarial determinations and claims experience. Changes to the actuarial reports may have a material impact on James Hardie's consolidated financial statements.

#### End.

# Media/Analyst Enquiries:

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This Media Release forms part of a package of information about the company's results. It should be read in conjunction with the other parts of the package, including Management's Analysis of Results, a Management Presentation, and a Financial Report.

These documents, along with a video and audio webcast of the management presentation on 15 May 2006, are available from the Investor Relations section of James Hardie's website at <u>www.jameshardie.com</u>

#### DEFINITIONS

# Financial Measures — US GAAP equivalents

<u>EBIT and EBIT margin</u> — EBIT is equivalent to the US GAAP measure of operating income. EBIT margin is defined as EBIT as a percentage of net sales. James Hardie believes EBIT and EBIT margin to be relevant and useful information as these are the primary measures used by management to measure the operating profit or loss of its business. EBIT is one of several metrics used by management to measure the earnings generated by the company's operations, excluding interest and income tax expenses. Additionally, EBIT is believed to be a primary measure and terminology used by its Australian investors. EBIT margin should be considered in addition to, but not as a substitute for, other measures of financial performance reported in accordance with accounting principles generally accepted in the United States of America. EBIT and EBIT margin, as the company has defined them, may not be comparable to similarly titled measures reported by other companies.

**Operating profit from continuing operations** — is equivalent to the US GAAP measure of income from continuing operations.

Net operating profit including discontinued operations — is equivalent to the US GAAP measure of net income.

#### Sales Volumes

mmsf — million square feet, where a square foot is defined as a standard square foot of 5/16" thickness.

msf — thousand square feet, where a square foot is defined as a standard square foot of 5/16" thickness.

#### **Financial Ratios**

Gearing Ratio — Net debt/cash divided by net debt/cash plus shareholders' equity.

Net interest expense cover — EBIT divided by net interest expense.

Net interest paid cover — EBIT divided by cash paid during the period for interest, net of amounts capitalised.

<u>Net debt payback</u> — Net debt/cash divided by cash flow from operations.

Net debt/cash — short-term and long-term debt less cash and cash equivalents.

#### Non-US GAAP Financial Measures

<u>EBIT and EBIT margin excluding asbestos provision</u> — EBIT and EBIT margin excluding asbestos provision are not measures of financial performance under US GAAP and should not be considered to be more meaningful than EBIT and EBIT margin. James Hardie has included these financial measures to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations and provides useful information regarding its financial condition and results of operations. The company uses these non-US GAAP measures for the same purposes.

US\$ Million	Q4 FY06	Q4 FY05	FY06	FY05
EBIT	\$ (662.6)	\$ 64.6	\$ (434.9)	\$ 196.2
Asbestos provision	715.6	_	715.6	_
EBIT excluding asbestos provision	53.0	64.6	280.7	196.2
Net Sales	389.8	316.4	1,488.5	1,210.4
EBIT margin excluding asbestos provision	13.6%	20.4%	18.9%	16.2%
Media Release: James Hardie — 4th Quarter and Full Year FY06				

EBIT excluding asbestos provision, impairment charge and SCI and other related expenses — EBIT excluding asbestos provision, impairment charge and SCI and other related expenses is not a measure of financial performance under US GAAP and should not be considered to be more meaningful than EBIT. James Hardie has included this financial measure to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations and provides useful information regarding its financial condition and results of operations. The company uses this non-US GAAP measure for the same purposes.

US\$ Million	Q4 FY06				Q4 Y05	FY06	FY05
EBIT	\$ (6	662.6)	\$ 64.6	\$ (434.9)	\$ 196.2		
Asbestos provision		715.6	—	715.6	_		
Impairment of roofing plant		13.4	—	13.4	—		
SCI and other related expenses		2.7	3.7	17.4	 28.1		
EBIT excluding asbestos provision, impairment charge and SCI and other related expenses	\$	69.1	\$ 68.3	\$ 311.5	\$ 224.3		

**Operating profit from continuing operations excluding asbestos provision** — Operating profit from continuing operations excluding asbestos provision is not a measure of financial performance under US GAAP and should not be considered to be more meaningful than operating profit from continuing operations. The company has included this financial measure to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations. The company uses this non-US GAAP measure for the same purposes.

US\$ Million	Q4 FY06	Q4 FY05	FY06	FY05
Operating (loss) profit from continuing operations	\$ (650.9)	\$ 46.3	\$ (506.7)	\$ 127.9
Asbestos provision	715.6		715.6	
Operating profit from continuing operations excluding asbestos provision	\$ 64.7	\$ 46.3	\$ 208.9	\$ 127.9

Diluted earnings per share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and <u>write-back of tax provisions</u> — Diluted earnings per share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and the write-back of tax provision is not a measure of financial performance under US GAAP and should not be considered to be more meaningful than Diluted earnings per share from continuing operations. The company has included this financial measure to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations. The company's management uses this non-US GAAP measure for the same purposes.

US\$ Million (except share and per share data)	Q4 FY06	Q4 FY05	FY06	FY05
Operating (loss) profit from continuing operations	\$ (650.9)	\$ 46.3	\$ (506.7)	\$ 127.9
Asbestos provision	715.6	_	715.6	_
Impairment of roofing plant (net of tax)	8.0	—	8.0	—
SCI and other related expenses (net of tax)	2.5	2.1	16.5	22.3
Write-back of tax provisions	(20.7)	_	(20.7)	—
Operating profit from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions	\$ 54.5	\$ 48.4	\$ 212.7	\$ 150.2
Weighted average common shares outstanding (Millions) — Diluted	467.0	463.2	465.0	461.0
<ul> <li>Diluted earnings per share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions (US cents)</li> <li>Media Release: James Hardie — 4th Quarter and Full Year FY06</li> </ul>	11.7	10.4	45.7	32.6

**<u>EBITDA</u>** — is not a measure of financial performance under US GAAP and should not be considered an alternative to, or more meaningful than, income from operations, net income or cash flows as defined by US GAAP or as a measure of profitability or liquidity. Not all companies calculate EBITDA in the same manner as James Hardie has and, accordingly, EBITDA may not be comparable with other companies. The company has included information concerning EBITDA because it believes that this data is commonly used by investors to evaluate the ability of a company's earnings from its core business operations to satisfy its debt, capital expenditure and working capital requirements.

#### Disclaimer

This Media Release contains forward-looking statements. James Hardie may from time to time make forward-looking statements in its periodic reports filed with or furnished to the United States Securities and Exchange Commission on Forms 20-F and 6-K, in the annual reports to shareholders, in offering circulars and prospectuses, in media releases and other written materials and in oral statements made by the company's officers, directors or employees to analysts, institutional investors, representatives of the media and others. Examples of forward-looking statements include:

- expectations that the conditions precedent to the Final Funding Agreement will be satisfied;
- expectations about payments to a special purpose fund for the compensation of proven asbestos-related personal injury and death claims;
- expectations concerning the company's Australian Tax Office amended assessment;
- expectations that the company's credit facilities will be extended or renewed;
- projections of operating results or financial condition;
- statements regarding plans, objectives or goals, including those relating to competition, acquisitions, dispositions and products;
- statements about future performance; and
- statements about product or environmental liabilities.

Words such as "believe," "anticipate," "plan," "expect," "intend," "target," "estimate," "project," "predict," "forecast," "guideline," "should," "aim" and similar expressions are intended to identify forward-looking statements but are not the exclusive means of identifying such statements.

Forward-looking statements involve inherent risks and uncertainties. The company cautions that a number of important factors could cause actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements. These factors include, but are not limited to, the risk factors discussed under "Risk Factors" beginning on page 6 of the Form 20-F filed on 7 July 2005, and: all matters relating to or arising out of the prior manufacture of products that contained asbestos by current and former James Hardie Australian subsidiaries; compliance with and changes in tax laws and treatments; competition and product pricing in the markets in which the company operates; the consequences of product failures or defects; exposure to environmental, asbestos or other legal proceedings; general economic and market conditions; the supply and cost of raw materials; the success of research and development efforts; reliance on a small number of product distributors; compliance with and changes in laws and regulations; foreign exchange risks; the successful implementation of the internal control over financial reporting requirements of Section 404 of the Sarbanes-Oxley Act of 2002, as codified by Item 308 of Regulation S-K. The company cautions that the foregoing list of factors is not exclusive and that other risks and uncertainties may cause actual results to differ materially from those in forward-looking statements. Forward-looking statements speak only as of the date they are made.

### James Hardie Industries N.V. Results for the 4<sup>th</sup> Quarter and 12 Months Ended 31 March 2006

US GAAP - US\$ Million	Three Months and Twelve Months Ended 31 March 2006						
	Q4 FY06	Q4 FY05	% Change	FY06	FY05	% Change	
Net Sales							
USA Fibre Cement	\$ 325.6	\$ 247.2	32	\$ 1,218.4	\$ 939.2	30	
Asia Pacific Fibre Cement	57.2	58.2	(2)	241.8	236.1	2	
Other	7.0	11.0	(36)	28.3	35.1	(19)	
Total Net Sales	\$ 389.8	\$ 316.4	23	\$ 1,488.5	\$ 1,210.4	23	
Cost of goods sold	(250.3)	(195.1)	28	(937.7)	(784.0)	20	
Gross profit	139.5	121.3	15	550.8	426.4	29	
Selling, general & administrative expense	(63.4)	(42.4)	50	(209.8)	(174.5)	20	
Research & development expense Special Commission of Inquiry (SCI) & other	(7.0)	(5.2)	35	(28.7)	(21.6)	33	
related expenses	(2.7)	(3.7)	(27)	(17.4)	(28.1)	(38)	
Impairment of roofing plant	(13.4)	(3.7)	(27)	(13.4)	(20.1)	(50)	
Asbestos provision	(715.6)	_	_	(715.6)	_	_	
Other operating loss	(, ,	(5.4)	_	(0.8)	(6.0)	(87)	
EBIT	(662.6)	64.6		(434.9)	196.2		
Net interest income (expense)	0.7	(0.6)	_	(0.2)	(5.1)	(96)	
Other income (expense), net		0.2	_		(1.3)		
Operating (loss) profit from continuing operations							
before income taxes	(661.9)	64.2	_	(435.1)	189.8	_	
Income tax benefit (expense)	11.0	(17.9)	_	(71.6)	(61.9)	16	
Operating (Loss) Profit From Continuing Operations	\$ (650.9)	\$ 46.3	_	\$ (506.7)	\$ 127.9		
Net Operating (Loss) Profit Including	φ (050.7)	ψ 10.5		\$ (500.7)	ψ 127.9		
Discontinued Operations	\$ (650.9)	\$ 46.3	_	\$ (506.7)	\$ 126.9		
Tax rate	_	27.9%	_	_	32.6%	_	
Volume (mmsf)							
USA Fibre Cement	575.1	472.6	22	2,182.8	1,855.1	18	
Asia Pacific Fibre Cement	90.3	89.5	1	368.3	376.9	(2)	
Average net sales price per unit (per msf)							
USA Fibre Cement	US\$566	US\$523	8	US\$558	US\$506	10	
Asia Pacific Fibre Cement	A\$859	A\$834	3	A\$872	A\$846	3	

In this Management's Analysis of Results, James Hardie may present the financial measures, sales volume terms, financial ratios, and Non-US GAAP financial measures included in the Definitions section of this document starting on page 15. The company presents financial measures that it believes are customarily used by its Australian investors. Specifically, these financial measures include "EBIT", "EBIT margin", "Operating profit from continuing operations", and "Net operating profit including discontinued operations". The company may also present other terms for measuring its sales volumes ("million square feet (mmsf)" and "thousand square feet (msf)"); financial ratios ("Gearing ratio", "Net interest expense cover", Net interest paid cover", "Net debt payback", "Net debt/cash"); and Non-US GAAP financial measures ("EBIT and EBIT margin excluding asbestos provision", "EBIT excluding asbestos provision", "Diluted earnings per share from continuing operations excluding asbestos provision", "Diluted earnings per share from continuing operations excluding asbestos provision", "Diluted earnings per share from continuing operations excluding asbestos provision," "Diluted earnings ne share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions" and "EBITDA"). Unless otherwise stated, results are for continuing operations only and comparisons are of the 4<sup>th</sup> quarter and the full year versus the 4<sup>th</sup> quarter and full year of the prior fiscal year.

### **Total Net Sales**

Total net sales for the quarter increased 23% compared to the same quarter of the previous year, from US\$316.4 million to US\$389.8 million. For the full year, total net sales increased 23% from US\$1,210.4 million to US\$1,488.5 million.

Net sales from USA Fibre Cement for the quarter increased 32% from US\$247.2 million to US\$325.6 million and 30% for the full year from US\$939.2 million to US\$1,218.4 million, due to continued growth in sales volume and a higher average net sales price.

Net sales from Asia Pacific Fibre Cement for the quarter decreased 2% from US\$58.2 million to US\$57.2 million, but increased 2% for the full year from US\$236.1 million to US\$241.8 million, primarily due to higher sales volume in Australia and New Zealand.

Other net sales for the quarter decreased 36% from US\$11.0 million to US\$7.0 million and 19% for the full year from US\$35.1 million to US\$28.3 million. The decrease in net sales was primarily due to the sale of the company's Chilean flat sheet business in July 2005.

# **USA Fibre Cement**

#### Quarter

Net sales for the quarter increased 32% from US\$247.2 million to US\$325.6 million due to both increased sales volume and a higher average net sales price.

Sales volume increased 22% from 472.6 million square feet to 575.1 million square feet for the quarter, as primary demand for the business' products continued to grow strongly.

The average net sales price increased 8% from US\$523 per thousand square feet to US\$566 per thousand square feet due to price increases on certain products implemented during this fiscal year, and a favourable product mix.

#### Full Year

Net sales increased 30% from US\$939.2 million to US\$1,218.4 million due to increased sales volume and a higher average net sales price.

Sales volume increased 18% from 1,855.1 million square feet to 2,182.8 million square feet due mainly to growth in primary demand and a resilient housing market.

The average net sales price increased 10% from US\$506 per thousand square feet to US\$558 per thousand square feet. The increase was due to price increases for some products that were implemented during the fiscal year and proportionally stronger growth of differentiated, higher-priced products.

#### Discussion

Despite further modest interest rate increases, James Hardie did not experience the expected 'cooling' of the new housing construction market during the quarter. New residential housing activity remained strong, partly due to unseasonably good weather. The strong fourth quarter reflected new housing construction activity being very strong over the full year as it continued to be buoyed by still relatively low interest rates and strong house prices. Repair and remodelling activity also remained very strong during the year.

The strong growth in sales volume was across both the business' interior and exterior product categories and its emerging and established geographic markets, reflecting further market penetration and the healthy new housing and repair and remodelling activity.

Demand for exterior products continued to grow in all the business' key regions across the United States, and further market share gains were achieved at the expense of alternative materials, mainly vinyl and wood-based siding. There was strong sales growth in differentiated, higher-priced products including the ColorPlus® Collection of pre-painted siding, Harditrim ® XLD® planks, vented soffits and Heritage ® panels, as well as in the business' core products.

Implementation of the ColorPlus<sup>®</sup> business model in the emerging markets continued during the quarter. The model is aimed at improving the positioning of the ColorPlus<sup>®</sup> range of pre-painted products in markets dominated by vinyl siding and increasing revenue and contribution per unit. All phases of the implementation are now underway and progressing well. Sales of the ColorPlus<sup>®</sup> range of products as a percentage of exterior product sales in the business' emerging markets almost doubled over the prior year. The business intends to introduce ColorPlus<sup>®</sup> products to selected regions of its established markets in fiscal year 2007.

In the interior products market, sales of both the Hardibacker 500 å half-inch backerboard and quarter-inch backerboard grew very strongly. The business continued to take market share in this category, particularly in the half-inch segment.

In its established markets, the business continued to focus on growth strategies including an increased focus on the repair and remodel segment. Sales for the full year in the established markets were slightly affected by the impact of the September 2005 hurricanes that caused considerable damage along the Gulf Coast, particularly in the states of Louisiana and Mississippi. Sales in these states account for less than 5% of total sales of the USA Fibre Cement business.

At the end of the quarter, the business completed construction of one of the two planned production lines at its new plant in Pulaski, Virginia, and in April 2006, it commenced commercial production. It also completed construction of, and commenced production on, a new ColorPlus<sup>®</sup> line at its Blandon, Pennsylvania plant.

During the year, the business commenced the ramp-up of its new trim line at Peru, Illinois and continued the ramp-up of its new west coast manufacturing plant at Reno, Nevada. It also began construction of other additional pre-finishing capacity at plants in its emerging markets.

#### Asia Pacific Fibre Cement

Net sales for the quarter decreased 2% from US\$58.2 million to US\$57.2 million. Net sales increased 4% in Australian dollars due to a 1% increase in sales volume from 89.5 million square feet to 90.3 million square feet, together with a 3% increase in the average net sales price.

Net sales for the year increased 2% from US\$236.1 million to US\$241.8 million. Net sales in Australian dollars increased 1% due to a 3% increase in the average net sales price, partly offset by a 2% decline in sales volume from 376.9 million square feet to 368.3 million square feet.

#### Australia and New Zealand Fibre Cement

#### Quarter

Net sales increased slightly from US\$50.9 million to US\$51.1 million. In Australian dollars, net sales increased 6% due to a 10% increase in sales volume, partly offset by a 4% decrease in the average net sales price.

### Full Year

Net sales increased 4% from US\$210.1 million to US\$218.1 million, primarily due to favourable currency exchange rates, along with a 3% increase in sales volume. In Australian dollars, net sales increased 2%. The average net sales price in Australian dollars decreased 1% compared to the same period last year.

#### Discussion

In Australia, both the residential housing construction and the renovation markets continued to soften during the quarter, particularly in New South Wales.

The increase in sale volumes for the quarter and full year was due to initiatives designed to grow primary demand for fibre cement and generate further market share in the business' targeted markets.

In the commercial construction sector, activity remained at buoyant levels during the quarter and the business began to regain momentum lost through product bans and boycotts imposed during the past year and a half, particularly in Victoria.

The business achieved strong sales of its Linea â weatherboards, which were launched in Queensland during the first half of this fiscal year, and continued to roll-out its Business Builder Program in all states to help generate primary demand for its products. In addition the business launched Aquatec<sup>™</sup> Wet Area Flooring in Victoria during the third quarter of the fiscal year.

In New Zealand, housing construction activity continued to soften during the quarter. The growth momentum of Linea â weatherboards during the first nine months of this fiscal year continued during the quarter and helped to generate increased primary demand for the business' products in a weakened market. Lineaâ weatherboards remain the business' number one selling product in New Zealand.

#### **Philippines Fibre Cement**

#### Quarter

Net sales decreased 15% from US\$7.3 million to US\$6.2 million for the quarter. In local currency, net sales fell 20% due to a 23% decrease in sales volume, partly offset by a 4% increase in the average net sales price. The decrease in sales volume was due to weaker domestic economic conditions and a slowdown in building construction that affected demand for the business' products. The regional export market continued to be affected by an increase in the activities of certain lower-priced competitors.

#### Full Year

Net sales decreased 9% from US\$26.0 million to US\$23.7 million. In local currency, net sales decreased 11% due to a 19% decrease in sales volume partly offset by a 10% increase in the average net sales price.

Demand was adversely affected during the year by weaker domestic construction activity resulting from uncertainty associated with increased domestic political and economic instability, and increased competition in the business' export markets.

#### Other

#### **USA Hardie Pipe**

The business progressed well during the quarter, delivering the highest sales volume and average sales price of any quarter this year, but net sales for the quarter and full year fell short against the comparable periods last year. A decrease in sales volume for the quarter and full year was partly offset by a higher average sales price for both periods.

# **Europe Fibre Cement**

Net sales increased for both the quarter and full year compared to the same periods last year due to stronger demand resulting from increased awareness of the business' products among builders, distributors and contractors; expansion into new geographic markets; and a higher average net sales price.

#### Artisan<sup>™</sup> Roofing

The company constructed a small-scale roofing manufacturing plant in Fontana, California in 2003. Since then, it has undertaken production and market trials of a new roofing product in Southern California to quantify the market potential of the new product.

On 18 April 2006, the company ceased market development initiatives for the roofing product and announced the closure of the roofing plant. Following a review of the carrying value of the assets related to this operation, an asset impairment charge of US\$13.4 million was recorded.

The decision not to proceed with the roofing product was made after the company reviewed market testing results and concluded that greater shareholder value would be created by focussing on other market growth initiatives.

#### **Chile Fibre Cement**

The company sold its Chilean business in July 2005 due to its small scale and limited strategic fit.

#### **Gross Profit**

#### Quarter

Gross profit increased 15% from US\$121.3 million to US\$139.5 million primarily due to a strong gross profit improvement in the company's USA Fibre Cement business. The gross profit margin decreased 2.5 percentage points to 35.8%.

USA Fibre Cement gross profit increased 23% compared to the same quarter last year due to higher sales volume and higher average net sales price, partially offset by increased cost of sales and freight costs. Cost of sales increased 14% due mainly to higher raw material costs and a change in the mix of products manufactured compared to the same quarter last year, as well as increased energy costs. Freight costs continued to be pushed up by the higher cost of fuel and increased 13% compared to the same quarter last year. The gross margin decreased 2.8 percentage points.

Asia Pacific Fibre Cement gross profit decreased 19% due to reduced profitability in all the Asia Pacific businesses, together with less favourable currency movements. In Australian dollars, gross profit decreased 15% largely due to increased raw material and freight costs in Australia and New Zealand. The reduction in the gross profit performance of the Philippines business was due to lower activity levels and higher unit production costs.

#### Full Year

Gross profit increased 29% from US\$426.4 million to US\$550.8 million due mainly to a strong gross profit improvement in the USA Fibre Cement business. The gross profit margin increased 1.8 percentage points to 37.0%.

USA Fibre Cement gross profit increased 37% compared to the same period last year as a result of increases in both sales volume and the average net sales price, partially offset by higher manufacturing costs and freight costs. The gross profit margin increased 2.1 points.

Asia Pacific Fibre Cement gross profit decreased 5% due to reduced profitability in Australia and the Philippines, which was partly offset by improvements in New Zealand and favourable currency movements. In local currency, gross profit decreased 7% due primarily to increased costs in all the Asia Pacific businesses.

#### Selling, General and Administrative (SG&A) Expense

SG&A expense increased 50% for the quarter, from US\$42.4 million to US\$63.4 million, primarily due to increased costs in the USA Fibre Cement business and increased corporate costs. During the quarter, there was an adjustment to the accrual for employees' bonuses to reflect the improved full year profit performance of the company, and this, together with increased spending on business growth initiatives and on organisational infrastructure to drive business growth opportunities in the USA Fibre Cement business, were the major cost increases compared to the same period last year. As a percentage of sales, SG&A expense was up 2.9 percentage points to 16.3%.

For the full year, SG&A expense increased 20% from US\$174.5 million to US\$209.8 million, mainly due to an increase in the accrual for employees' bonuses, increased spending on growth initiatives in the USA Fibre Cement business and increased professional service fees. As a percentage of sales, SG&A expense decreased 0.3 of a percentage point to 14.1%.

#### **Research and Development Expenses**

Research and development expenses include costs associated with "core" research projects that are designed to benefit all business units. These costs are recorded in the Research and Development segment rather than being attributed to individual business units. These costs were 13% lower for the quarter at US\$2.6 million, and 3% higher for the year at US\$12.3 million.

Other research and development costs associated with commercialisation projects in business units are included in the business unit segment results. In total, these costs increased 100% to US\$4.4 million for the quarter, and 71% to US\$16.4 million for the year.

#### SCI and Other Related Expenses

In February 2004, the Government of New South Wales in Australia established a Special Commission of Inquiry (SCI) to investigate, among other matters, the circumstances in which the Medical Research and Compensation Foundation was established. Shortly after release of the SCI report on 21 September 2004, the company commenced negotiations with the NSW Government, the Australian Council of Trade Unions (ACTU), UnionsNSW and a representative of asbestos claimants in relation to its offer to the SCI on 14 July 2004 to provide funds voluntarily for proven Australia-based asbestos-related injury and death claims against certain former James Hardie Australian subsidiary companies. On 21 December 2004, James Hardie entered into a Heads of Agreement with the above parties to establish and fund a Special Purpose Fund (SPF) to provide funding for these claims on a long-term basis. The company subsequently entered negotiations with the NSW Government on a binding agreement that it intends to put to shareholders for approval. On 1 December 2005, James Hardie and the NSW Government signed the Final Funding Agreement (FFA). The FFA is subject to certain conditions precedent, including the company's ability to obtain full tax deductibility for the contributions under this agreement, the tax exempt status of the SPF and its approval by the company's lenders and shareholders.

Costs incurred during the quarter associated with the SCI and other related expenses totalled US\$2.7 million, bringing the total for the year to US\$17.4 million.

Further information on the SCI and other related expenses can be found in Note 12 of James Hardie's 31 March 2006 Financial Report.

#### Asbestos Provision

The recording of the asbestos provision is in accordance with US accounting standards because it is probable that the company will make payments to fund asbestos-related claims on a long-term basis. The amount of the asbestos provision of US\$715.6 million (A\$1.0 billion) at 31 March 2006 is the Company's best estimate of the probable outcome. This estimate is based on the terms of the FFA, which includes an actuarial estimate prepared by KPMG Actuaries Pty Ltd (KPMG Actuaries) as of 31 March 2006 of the projected future cash outflows, undiscounted and uninflated, and the anticipated tax deduction arising from Australian legislation which came into force on 6 April 2006. The company's ability to obtain this tax deduction under legislation remains the subject of an ongoing application to the Australian Tax Office (ATO). If the conditions precedent to the FFA, such as the tax deductibility of payments, are not met, the company may seek to enter into an alternative arrangement under which it would make payments for the benefit of asbestos claimants. Under alternative arrangements, the estimate may change.

#### Intention to Make Payments to Asbestos Claimants

Even if conditions to the company's funding obligations under the FFA, including the achievement of tax deductibility, are not fulfilled, it has determined that it is nevertheless likely that it will make payments in respect of certain claimants who were injured by asbestos products manufactured by certain former Australian subsidiary companies. The Board of James Hardie has made it clear that, in a manner consistent with its obligations to shareholders and other stakeholders in the company, it intends to proceed with fair and equitable actions to compensate the injured parties. Any such alternative settlement may be subject to conditions precedent and would require lender and shareholder approval. However, if James Hardie proceeds with an alternative settlement without the assurance of tax deductibility, it is likely, as a function of economic reality, that the company will have less funds to support payments in respect of asbestos claims. While the company continues to hope that the conditions precedent to the FFA will be fulfilled, it has determined that its intention to continue to proceed responsibly in either event makes it appropriate for it to record the asbestos liability reserve in the amounts set forth in the financial statements.

#### EBIT

EBIT for the quarter decreased from US\$64.6 million to a loss of US\$662.6 million. EBIT for the quarter includes an expense relating to the booking of a US\$715.6 million provision for estimated future asbestos compensation payments (asbestos provision), SCI and other related expenses of US\$2.7 million and an asset impairment charge of US\$13.4 million relating to the closure of the roofing pilot plant. For the quarter, EBIT excluding asbestos provision, impairment charge and SCI and other related expenses increased 1% for the quarter and 39% for the full year, as shown in the tables below. EBIT margin excluding these items fell 3.9 percentage points to 17.7% for the quarter, but increased 2.4 percentage points to 20.9% for the full year.

# EBIT for the Quarter — US\$ millions

	Q4 FY06	Q4 FY05	% Change
USA Fibre Cement	\$ 82.7	\$ 77.1	7
Asia Pacific Fibre Cement	9.3	12.3	(24)
Research & Development	(3.9)	(6.1)	(36)
Other	(3.8)	(1.7)	_
Impairment of roofing plant	(13.4)	—	—
General Corporate	(17.9)	(17.0)	5
Asbestos provision	(715.6)	—	
(Loss) earnings before interest and tax	(662.6)	64.6	
Excluding:			
Impairment of roofing plant	13.4	—	—
Asbestos provision	715.6	—	
SCI and other related expenses	2.7	3.7	(27)
EBIT excluding asbestos provision, impairment charge and SCI and other related expenses	\$ 69.1	\$ 68.3	1
Net sales	\$ 389.8	\$ 316.4	23
EBIT margin excluding asbestos provision, impairment charge and SCI and other related expenses	17.7%	21.6%	_

### EBIT for the Full Year — US\$ Millions

	FY06	FY05	% Change
USA Fibre Cement	\$ 342.6	\$ 241.5	42
Asia Pacific Fibre Cement	41.7	46.8	(11)
Research & Development	(15.7)	(17.5)	(10)
Other	(13.1)	(11.8)	11
Impairment of roofing plant	(13.4)	—	
General Corporate	(61.4)	(62.8)	(2)
Asbestos provision	(715.6)	—	
(Loss) earnings before interest and tax	(434.9)	196.2	_
Excluding:			
Impairment of roofing plant	13.4	—	_
Asbestos provision	715.6	_	
SCI and other related expenses	17.4	28.1	(38)
	0 211 5	Ф <u>224</u> 2	20
EBIT excluding asbestos provision, impairment charge and SCI and other related expenses	\$ 311.5	\$ 224.3	39
Net sales	\$ 1,488.5	\$ 1,210.4	23
EBIT margin excluding asbestos provision, impairment charge and SCI and other related expenses	20.9%	18.5%	

# USA Fibre Cement EBIT

USA Fibre Cement EBIT for the quarter increased 7% from US\$77.1 million to US\$82.7 million. The increase was due to increased sales volume and a higher average net sales price, partially offset by higher manufacturing costs, freight costs and SG&A expenses. The USA Fibre Cement EBIT margin was 5.8 percentage points lower at 25.4% for the quarter.

For the full year, EBIT increased 42% from US\$241.5 million to US\$342.6 million. The increase was due to increased sales volume and higher average net sales price, partially offset by higher unit costs, freight costs and SG&A expenses. The EBIT margin was 2.4 percentage points higher at 28.1% for the full year.

#### Asia Pacific Fibre Cement EBIT

Asia Pacific Fibre Cement EBIT for the quarter decreased 24% from US\$12.3 million to US\$9.3 million due to a reduced EBIT performance in all the Asia Pacific Fibre Cement businesses. The EBIT margin decreased 4.8 percentage points to 16.3%. For the full year, EBIT decreased by 11% from US\$46.8 million to US\$41.7 million. The EBIT margin was 2.6 percentage points lower at 17.2%.

Australia and New Zealand Fibre Cement EBIT for the quarter decreased 18% from US\$11.2 million to US\$9.2 million. In Australian dollars, EBIT fell by 13% due to a lower net sales price in Australia and higher manufacturing, SG&A and freight expenses in Australia. The EBIT margin decreased by 4.0 percentage points to 18.0%. For the full year, EBIT decreased 8% from US\$42.4 million to US\$38.9 million. In Australian dollars, EBIT for the full year fell by 10% due to increased costs in Australia, partially offset by increased sales volume in Australia and New Zealand. The EBIT margin for the year was 2.4 percentage points lower at 17.8%.

The Philippines Fibre Cement business recorded a decrease in EBIT for the quarter and full year due to the impact of weaker domestic construction activity on demand for its products, as well as increased competitive activity in its export markets.

#### Other EBIT

The USA Hardie Pipe business reduced its EBIT loss for both the quarter and full year compared to the same periods last year.

The Europe Fibre Cement business incurred an EBIT loss for the quarter and full year as it continues to build net sales.

Following a review of the results of its roofing product trials in California, the company announced on 18 April 2006 that the pilot plant was to close. Following a review of the carrying value of the assets related to this operation, an asset impairment charge of US\$13.4 million was recorded in the 4<sup>th</sup> quarter.

The Chilean Fibre Cement business was sold in July 2005.

#### General corporate costs

General corporate costs for the quarter increased by US\$0.9 million from US\$17.0 million to US\$17.9 million. This was due to an increase in employee earnings-related bonus accruals of US\$5.0 million and higher share-based compensation expense of US\$0.7 million. These increases were partially offset by a reduction of US\$4.0 million in the cost of the Australian companies' defined benefit pension scheme and a US\$0.8 million decrease in SCI and other related expenses.

For the full year, general corporate costs decreased by US\$1.4 million from US\$62.8 million to US\$61.4 million. There was a decrease of US\$10.7 million in SCI and other related expenses, a US\$0.7 million loss in the prior year on the sale of land owned in Sacramento which did not recur this year, and a reduction of US\$3.5 million in the cost of the Australian companies' defined benefit pension scheme. These decreases were partly offset by a US\$8.6 million increase in employee bonus plan expense, a US\$3.5 million increase in employee share-based compensation expense from stock options and from stock appreciation rights, primarily caused by an increase in the company's share price, and an increase in other general costs of US\$1.4 million.

#### Net Interest Income (Expense)

Net interest for the quarter decreased US\$1.3 million from an expense of US\$0.6 million to an income of US\$0.7 million. For the full year, net interest expense decreased by US\$4.9 million to US\$0.2 million. The decrease in interest expense for the quarter and full year was primarily due to the company being in a positive net cash position for the majority of the year.

#### Income Tax Benefit (Expense)

Income tax expense for the quarter decreased US\$28.9 million from an expense of US\$17.9 million to a benefit of US\$11.0 million. The decrease was mainly due to a reassessment of the accumulated tax liability following the finalisation of certain tax audits during the quarter. This resulted in a reduction in the tax expense of US\$20.7 million. Also affecting the overall rate were tax benefits arising from the holding company's Netherlands domicile.

Income tax expense for the full year increased US\$9.7 million from US\$61.9 million to US\$71.6 million. The increase in expense was due to an increase in profits and the geographic mix of earnings. This was partially offset by a reduction in the income tax reserves in the US arising as a result of the finalisation of certain tax audits during the year.

As previously announced on 22 March 2006, RCI Pty Ltd (RCI), a wholly-owned subsidiary of the company, received an amended assessment from the ATO in respect of RCI's income tax return for the year ended 31 March 1999. The amended assessment relates to the amount of net capital gains arising as a result of an internal corporate restructure carried out in 1998 and has been issued pursuant to the discretion granted to the Commissioner of Taxation under Part IVA of the Income Tax Act 1936. The original amended assessment issued to RCI was for a total of A\$412.0 million. However, after a subsequent remission of general interest charges by the ATO, the total is now A\$378.0 million comprised of A\$172.0 million of primary tax after allowable credits, A\$43.0 million of penalties (representing 25% of primary tax) and A\$163.0 million of general interest charges.

As a result of the enactment of the Tax Laws Amendment (Improvements to Self Assessment Act (No 2)) 2005 of Australia, there is doubt as to whether the amended assessment has been validly issued. The Australian Government announced, on 9 May 2006, further legislation, which is intended to remove any doubt as to the validity of the amended assessment. The date for the payment of the amended assessment has been deferred from the original date of 26 April 2006 because of this uncertainty. In accordance with a deferral granted by the ATO, the amended assessment is payable on 30 June 2006.

The company believes that the tax position reported in RCI's tax return for the 1999 year will be upheld on appeal. Accordingly, at this time, the company is unable to determine with any certainty whether any amount will ultimately become payable by RCI or, if any amount is ultimately payable, the amount of any such payment. Therefore the company has not recorded any liability at 31 March 2006 for the amended assessment because, at this time, no such liability is probable and estimable in accordance with US accounting standards.

However, in order to appeal the assessment, pursuant to the ATO Receivables Policy, the company is required to post a cash deposit in an amount which could be as large as the amount of the entire assessment.

Readers are referred to Note 13 of the 31 March 2006 Financial Report for further information on the ATO amended assessment.

# **Operating (Loss) Profit from Continuing Operations**

Operating (loss) profit from continuing operations for the quarter decreased from a profit of US\$46.3 million to a loss of US\$650.9 million. For the full year, the operating (loss) profit from continuing operations decreased from a profit of US\$127.9 million to a loss of US\$506.7 million. Operating loss from continuing operations for the quarter and full year includes US\$715.6 million relating to the booking of the asbestos provision, an impairment charge of US\$13.4 million (US\$8.0 million after tax) relating to the closure of the pilot roofing plant, SCI and other related expenses of US\$2.7 million for the quarter and US\$16.5 million, after tax, respectively), and a write-back of tax provisions of US\$20.7 million. Operating profit from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions increased 13% to US\$54.5 million for the quarter and 42% to US\$212.7 million for the year, as shown in the tables below.

# Operating (Loss) Profit for the Quarter - US\$ millions

	Q4 FY06	Q4 FY05	% Change
Operating (loss) profit from continuing operations	\$ (650.9)	\$ 46.3	_
Excluding:			
Impairment of roofing plant (net of tax)	8.0		
Asbestos provision	715.6		_
SCI and other related expense (net of tax)	2.5	2.1	19
Write-back of tax provisions	(20.7)		_
Operating profit from continuing operations excluding asbestos provision, impairment charge, SCI and other			
related expenses and write-back of tax provisions	\$ 54.5	\$ 48.4	13

#### Operating (Loss) Profit for the Full Year - US\$ millions

	FY06	FY05	% Change
Operating (loss) profit from continuing operations	\$ (506.7)	\$ 127.9	
Excluding:			
Impairment of roofing plant (net of tax)	8.0	—	
Asbestos provision	715.6	—	
SCI and other related expense (net of tax)	16.5	22.3	(26)
Write-back of tax provisions	(20.7)	_	
Operating profit from continuing operations excluding asbestos provision, impairment charge, SCI and other			
related expenses and write-back of tax provisions	\$ 212.7	\$ 150.2	42

### **Discontinued Operations**

Discontinued operations includes a net expense of US\$1.0 million in fiscal year 2005 related primarily to additional costs associated with the sale of New Zealand land in March 2004 and settlement of a dispute associated with a former business.

# Liquidity and Capital Resources

The company has historically met its working capital needs and capital expenditure requirements through a combination of cash flow from operations, proceeds from the divestiture of businesses, credit facilities and other borrowings, proceeds from the sale of property, plant and equipment and proceeds from the redemption of investments. Seasonal fluctuations in working capital generally have not had a significant impact on its short-term or long-term liquidity. The company believes that it can meet its present working capital requirements for at least the next 12 months based on its current capital resources. Any cash commitments arising from the FFA will be met either from that generated by its operating activities or, should this prove insufficient, from borrowings under its credit facilities.

The company had cash and cash equivalents of US\$315.1 million as of 31 March 2006. At that date it also had credit facilities totalling US\$476.7 million, of which US\$302.7 million was outstanding. The credit facilities are all uncollateralised and consisted of the following:

Description	Effective Interest Rate at 31 Mar 2006	Total Facility at 31 Mar 2006 (US\$ millions)	Principal Outstanding at 31 Mar 2006
US\$ notes, fixed interest, repayable annually in varying tranches from November 2006 through November 2013	7.16%	\$ 121.7	\$ 121.7
US\$ 364-day facilities, can be drawn in US\$, variable interest rates based on LIBOR plus margin, can be repaid and redrawn until December 2006	5.41%	110.0	81.0
US\$ term facilities, can be drawn in US\$, variable interest rates based on LIBOR plus margin, can be repaid and redrawn until June 2006	5.27%	245.0	100.0
Total		\$ 476.7	\$ 302.7

At 31 March 2006 the company had net cash of US\$12.4 million, compared with net debt of US\$45.8 million at 31 March 2005.

The company has a US\$ 364-Day Facility in the amount of \$110 million, which expires in December 2006, and a Term Facility in the amount of \$245 million, which expires in June 2006. At 31 March 2006, there was \$181 million drawn under the combined facilities and \$174 million was available. During the fourth quarter of fiscal 2006, \$181 million was drawn down on these short-term loan facilities in anticipation of the prepayment of the US\$ notes, which were repaid in full on 8 May 2006 in the amount of US\$122 million. The company is intending to replace the US\$ notes with additional long-term funding facilities.

The company has requested an extension of the 364-Day Facility from December 2006 to June 2007 and an extension of the Term Facility to December 2006. Upon satisfaction of the conditions precedent to the full implementation of the FFA, including lender approval, the maturity date of the Term Facility will be automatically extended until June 2010. However, if the conditions precedent to the full implementation of the FFA are not satisfied, the company may not be able to renew its credit facilities on substantially similar terms, or at all; it may have to pay additional fees and expenses that it might not have to pay under normal circumstances; and it may have to agree to terms that could increase the cost of its debt structure.

Additionally, in order to appeal the amended Australian income tax assessment referred to in Note 13 the company may be required to post a cash deposit in an amount which could be as large as the amount of the amended assessment (US\$270 million. Even if the company is ultimately successful in its appeal and the cash deposit is refunded, this procedural requirement to post a cash deposit will materially and adversely affect the company's financial position and liquidity.

If the company is unable to extend its credit facilities, or is unable to renew its credit facilities on terms that are substantially similar to the ones it presently has, it may experience liquidity issues and will have to reduce its levels of planned capital expenditures, reduce or eliminate dividend payments, or take other measures to conserve cash in order to meet its future cash flow requirements. Nevertheless, the company believes it will have sufficient funds to meet its working capital and other cash requirements for the next twelve months based on its existing cash balances and anticipated operating cash flows arising during the year.

#### Cash flow

The increased profit performance of the company resulted in an improvement in the operating cash flow, which for the full year increased by 9% from US\$219.8 million to US\$240.6 million.

Net cash used in investing activities increased from US\$149.8 million to US\$154.0 million as the company continued to invest in increasing its production capacity.

#### Asbestos Compensation Funding Agreement

During the year, the Board of JHI NV approved the FFA to provide long-term funding for Australian asbestos-related personal injury claims that result from exposure to products made by former James Hardie Australian subsidiaries. Representatives of the company and the New South Wales Government signed the FFA on 1 December 2005.

The FFA was negotiated in accordance with the terms of the Heads of Agreement signed on 21 December 2004. It is a legally-binding agreement and sets out the basis on which James Hardie will provide funding to the SPF. The arrangements include:

- the establishment of the SPF to compensate asbestos sufferers with claims against the former James Hardie Group subsidiaries, Amaca Pty Ltd, Amaba Pty Ltd or ABN 60 Pty Ltd;
- initial funding of the SPF by James Hardie of approximately A\$154 million;
- a two-year rolling cash 'buffer' in the SPF and an annual contribution in advance, based on actuarial assessments of expected claims for the following three years, revised annually and subject to certain limitations;
- a cap on the annual James Hardie payments to the SPF in all years, except the first year, initially set at 35% of annual net operating cash flow of the company for the
  immediately preceding financial year, with provision for the percentage to decline over time, depending on James Hardie's financial performance and the claims
  outlook;
- no cap on individual payments to proven claimants; and
- special compensation arrangements for members of the Baryulgil community for asbestos-related claims arising from the activities of Marlew Mining Pty Ltd.

The FFA is subject to a number of conditions precedent, including the tax treatment of the proposed funding arrangements and receiving the approval of James Hardie's lenders and shareholders.

When the company entered into the non-binding Heads of Agreement in December 2004, it specified that tax deductibility of payments to the SPF was a condition precedent to proceeding to a binding agreement. This recognised that all parties to the Heads of Agreement agreed that tax deductibility of the payments was a critical factor regarding affordability of the proposed voluntary funding arrangements. James Hardie is continuing to discuss tax deductibility of the payments and the tax exempt status of the SPF with the ATO and Federal Treasury.

Readers are referred to the asbestos provision comment on the top of Page 7 of this document, and to Note 12 of the company's 31 March 2006 Financial Report for further information on the voluntary funding proposal, and for information on the SCI and related matters.

End.

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This Management's Analysis of Results document forms part of a package of information about James Hardie's results. It should be read in conjunction with the other parts of this package, including a Media Release, a Management Presentation and a Financial Report.

These documents, along with a video and audio webcast of the presentation on 15 May 2006, will be available from the Investor Relations area of the James Hardie website at www.jameshardie.com.

#### Definitions

#### Financial Measures — US GAAP equivalents

**EBIT** and **EBIT** margin — EBIT is equivalent to the US GAAP measure of operating income. EBIT margin is defined as EBIT as a percentage of net sales. James Hardie believes EBIT and EBIT margin to be relevant and useful information as these are the primary measures used by management to measure the operating profit or loss of its business. EBIT is one of several metrics used by management to measure the earnings generated by the company's operations, excluding interest and income tax expenses. Additionally, EBIT is believed to be a primary measure and terminology used by its Australian investors. EBIT and EBIT margin should be considered in addition to, but not as a substitute for, other measures of financial performance reported in accordance with accounting principles generally accepted in the United States of America. EBIT and EBIT margin, as the company has defined them, may not be comparable to similarly titled measures reported by other companies.

**Operating profit from continuing operations** — is equivalent to the US GAAP measure of income from continuing operations.

Net operating profit including discontinued operations — is equivalent to the US GAAP measure of net income.

#### Sales Volumes

mmsf — million square feet, where a square foot is defined as a standard square foot of 5/16" thickness.

msf — thousand square feet, where a square foot is defined as a standard square foot of 5/16" thickness.

#### **Financial Ratios**

Gearing Ratio — Net debt/cash divided by net debt/cash plus shareholders' equity.

Net interest expense cover — EBIT divided by net interest expense.

Net interest paid cover — EBIT divided by cash paid during the period for interest, net of amounts capitalised.

**<u>Net debt payback</u>** — Net debt/cash divided by cash flow from operations.

Net debt/cash — short-term and long-term debt less cash and cash equivalents.

#### Non-US GAAP Financial Measures

**EBIT** and **EBIT** margin excluding asbestos provision — EBIT and EBIT margin excluding asbestos provision are not measures of financial performance under US GAAP and should not be considered to be more meaningful than EBIT and EBIT margin. James Hardie has included these financial measures to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations and provides useful information regarding its financial condition and results of operations. The company uses these non-US GAAP measures for the same purposes.

US\$ Million	Q4 FY06	Q4 FY05	FY06	FY05
EBIT	\$ (662.6)	\$ 64.6	\$ (434.9)	\$ 196.2
Asbestos provision	715.6	_	715.6	
EBIT excluding asbestos provision	53.0	64.6	280.7	196.2
Net Sales	389.8	316.4	1,488.5	1,210.4
EBIT margin excluding asbestos provision	13.6%	20.4%	18.9%	16.2%
Management's Analysis of Results: James Hardie — 4 <sup>th</sup> Quarter and Full Year FY06				15

**EBIT** excluding asbestos provision, impairment charge and SCI and other related expenses — EBIT excluding asbestos provision, impairment charge and SCI and other related expenses is not a measure of financial performance under US GAAP and should not be considered to be more meaningful than EBIT. James Hardie has included this financial measure to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations and provides useful information regarding its financial condition and results of operations. The company uses this non-US GAAP measure for the same purposes.

US\$ Million	Q4 FY06	Q4 FY05	FY06	FY05
EBIT	\$ (662.6)	\$ 64.6	\$ (434.9)	\$ 196.2
Asbestos provision	715.6	_	715.6	_
Impairment of roofing plant	13.4	—	13.4	
SCI and other related expenses	2.7	3.7	17.4	28.1
EBIT excluding asbestos provision, impairment charge and SCI and other related expenses	69.1	68.3	311.5	224.3

**Operating profit from continuing operations excluding asbestos provision** — Operating profit from continuing operations excluding asbestos provision is not a measure of financial performance under US GAAP and should not be considered to be more meaningful than operating profit from continuing operations. The company has included this financial measure to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations. The company uses this non-US GAAP measure for the same purposes.

US\$ Million	Q4 FY06	Q4 FY05	FY06	FY05
Operating (loss) profit from continuing operations	\$ (650.9)	\$ 46.3	\$ (506.7)	\$ 127.9
Asbestos provision	715.6		715.6	_
Operating profit from continuing operations excluding asbestos provision	64.7	46.3	208.9	127.9

Diluted earnings per share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions — Diluted earnings per share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and the write-back of tax provision is not a measure of financial performance under US GAAP and should not be considered to be more meaningful than Diluted earnings per share from continuing operations. The company has included this financial measure to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations. The company's management uses this non-US GAAP measure for the same purposes.

US\$ Million (except share and per share data)	Q4 FY06	Q4 FY05	FY06	FY05
Operating (loss) profit from continuing operations	\$ (650.9)	\$ 46.3	\$ (506.7)	\$ 127.9
Asbestos provision	715.6	—	715.6	—
Impairment of roofing plant (net of tax)	8.0	—	8.0	—
SCI and other related expenses (net of tax)	2.5	2.1	16.5	22.3
Write-back of tax provisions	(20.7)	_	(20.7)	
Operating profit from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions	54.5	48.4	212.7	150.2
Weighted average common shares outstanding (Millions) — Diluted	467.0	463.2	465.0	461.0
Diluted earnings per share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions (cents)	11.7	10.4	45.7	32.6
Management's Analysis of Results: James Hardie — 4 <sup>th</sup> Quarter and Full Year FY06				16

**<u>EBITDA</u>** — is not a measure of financial performance under US GAAP and should not be considered an alternative to, or more meaningful than, income from operations, net income or cash flows as defined by US GAAP or as a measure of profitability or liquidity. Not all companies calculate EBITDA in the same manner as James Hardie has and, accordingly, EBITDA may not be comparable with other companies. The company has included information concerning EBITDA because it believes that this data is commonly used by investors to evaluate the ability of a company's earnings from its core business operations to satisfy its debt, capital expenditure and working capital requirements.

#### **Supplemental Financial Information**

James Hardie's management measures its operating performance and analyses year-over-year changes in operating results with and without the effect of the asbestos provision recorded in the fourth quarter of fiscal year 2006 and believes that shareholders will do the same.

As set forth in Note 12 of the 31 March 2006 Financial Report, the asbestos provision, while recurring, is based on periodic actuarial determinations and claims experience, and has no relation to the results of the company's operations. Accordingly, management believes that the following information is useful to it and investors in evaluating ongoing operating financial performance.

The following tables are considered non-GAAP and are not intended to be used or viewed in any respect as substitutes for the company's GAAP consolidated financial statements. These non-GAAP measures should only be viewed as a supplement to reported GAAP financials statements, and, in all cases, the corresponding GAAP amounts are shown on the same line as the non-GAAP measure, to avoid any possible confusion.

The following tables should be read in conjunction with JHI NV's financial statements and related notes contained in the 31 March 2006 Financial Report.

# James Hardie Industries N.V. Consolidated Balance Sheet 31 March 2006 (Unaudited)

US\$ Million	Pro Forma Total Fibre Cement Operations	Pro Forma Asbestos provision	As Reported
ASSETS			
Current assets:			
Cash and cash equivalents	\$ 315.1	\$ —	\$ 315.1
Accounts and notes receivable, net of allowance for doubtful accounts of \$1.3 million	153.2		153.2
Inventories	124.0		124.0
Prepaid expenses and other current assets	33.8	—	33.8
Deferred income taxes	30.7		30.7
Total current assets	656.8		656.8
Property, plant and equipment, net	775.6		775.6
Deferred income taxes	4.8		4.8
Other assets	8.2		8.2
Total assets	\$ 1,445.4	\$ —	\$ 1,445.4
LIABILITIES AND SHAREHOLDERS' EQUITY			
Current liabilities:			
Accounts payable and accrued liabilities	\$ 117.8	\$ —	\$ 117.8
Current portion of long-term debt	121.7		121.7
Short-term debt	181.0		181.0
Accrued payroll and employee benefits	46.3		46.3
Accrued product warranties	11.4		11.4
Income taxes payable	24.5		24.5
Other liabilities	3.3		3.3
Total current liabilities	506.0		506.0
Deferred income taxes	79.8		79.8
Accrued product warranties	4.1		4.1
Asbestos provision	—	715.6	715.6
Other liabilities	45.0		45.0
Total liabilities	634.9	715.6	1,350.5
Commitments and contingencies			
Shareholders' equity			
Common stock, Euro 0.59 par value, 2.0 billion shares authorised; 463,306,511 shares issued and			
outstanding	253.2	—	253.2
Additional paid-in capital	158.8		158.8
Retained earnings (deficit)	427.3	(715.6)	(288.3)
Employee loans Accumulated other comprehensive loss	(0.4) (28.4)		(0.4) (28.4)
Total shareholders' equity	(28.4)		· · · · ·
	810.5	(715.6)	94.9
Total liabilities and shareholders' equity	\$ 1,445.4	\$ _	\$ 1,445.4

# James Hardie Industries N.V. Consolidated Statement of Operations For the year ended 31 March 2006 (Unaudited)

US\$ Million	Pro Forma Total Fibre Cement Operations	Pro Forma Asbestos provision	As Reported
Net Sales			
USA Fibre Cement	\$ 1,218.4	s —	\$ 1,218.4
Asia Pacific Fibre Cement	241.8		241.8
Other	28.3		28.3
Total Net Sales	\$ 1,488.5	\$ —	\$ 1,488.5
Cost of goods sold	(937.7)	—	(937.7)
Gross profit	550.8		550.8
Selling, general and administrative expenses	(209.8)	—	(209.8)
Research and development expenses	(28.7)		(28.7)
SCI and other related expenses	(17.4)	—	(17.4)
Impairment of roofing plant	(13.4)	—	(13.4)
Asbestos provision	_	(715.6)	(715.6)
Other operating expense	(0.8)		(0.8)
EBIT	280.7	(715.6)	(434.9)
Net interest expense	(0.2)		(0.2)
Operating profit (loss) from continuing operations before income taxes	280.5	(715.6)	(435.1)
Income tax expense	(71.6)	_	(71.6)
Operating Profit (Loss) From Continuing Operations	\$ 208.9	\$ (715.6)	\$ (506.7)
Net Operating Profit (Loss) Including Discontinued Operations	\$ 208.9	\$ (715.6)	\$ (506.7)
Effective Tax Rate	25.5%	—	—
Volume (mmsf)			
USA Fibre Cement	2,182.8	—	2,182.8
Asia Pacific Fibre Cement	368.3	—	368.3
Average net sales price per unit (per msf)			
USA Fibre Cement	US\$558	—	US\$558
Asia Pacific Fibre Cement	A\$872	I —	A\$872
Management's Analysis of Results: James Hardie — 4 <sup>th</sup> Quarter and Full Year FY06			19
#### James Hardie Industries N.V Consolidated Statement of Cash Flows For the year ended 31 March 2006 (Unaudited)

US \$ Million	Pro Forma Total Fibre Cement Operations	Pro Forma Asbestos provision	As Reported
Cash Flows From Operating Activities			
Net income (loss)	\$ 208.9	\$ (715.6)	\$ (506.7)
Adjustments to reconcile net income (loss) to net cash provided by operating activities:			, í
Depreciation and amortisation	45.3		45.3
Deferred income taxes	4.3		4.3
Prepaid pension cost	2.9		2.9
Tax benefit from stock options exercised	2.2		2.2
Stock compensation	5.9		5.9
Asbestos provision		715.6	715.6
Impairment of roofing plant	13.4		13.4
Other	1.7	_	1.7
Changes in operating assets and liabilities:			
Accounts and notes receivable	(24.0)		(24.0)
Inventories	(26.6)		(26.6)
Prepaid expenses and other current assets	(24.8)		(24.8)
Accounts payable and accrued liabilities	24.4		24.4
Other accrued liabilities and other liabilities	7.0		7.0
Net cash provided by operating activities	240.6		240.6
Cash Flows From Investing Activities			
Purchases of property, plant and equipment	(162.0)		(162.0)
Proceeds from disposal of subsidiary, net of cash divested	8.0		8.0
Net cash used in investing activities	(154.0)		(154.0)
Cash Flows From Financing Activities			
Proceeds from borrowings	181.0		181.0
Repayments of borrowings	(37.6)		(37.6)
Proceeds from issuance of shares	18.7		18.7
Dividends paid	(45.9)		(45.9)
Collections on loan receivable	0.3		0.3
Net cash provided by financing activities	116.5		116.5
Effects of exchange rate changes on cash	(1.5)		(1.5)
Net increase in cash and cash equivalents	201.6		201.6
Cash and cash equivalents at beginning of period	113.5		113.5
		¢	
Cash and cash equivalents at end of period	\$ 315.1	<u>\$                                    </u>	\$ 315.1
Components of Cash and Cash Equivalents			
Cash at bank and on hand	\$ 24.9	\$ —	\$ 24.9
Short-term deposits	290.2	—	290.2
Cash and cash equivalents at end of period	\$ 315.1	\$	\$ 315.1

Management's Analysis of Results: James Hardie — 4th Quarter and Full Year FY06

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#### Disclaimer

This Management's Analysis of results contains forward-looking statements. James Hardie may from time to time make forward-looking statements in its periodic reports filed with or furnished to the United States Securities and Exchange Commission on Forms 20-F and 6-K, in the annual reports to shareholders, in offering circulars and prospectuses, in media releases and other written materials and in oral statements made by the company's officers, directors or employees to analysts, institutional investors, representatives of the media and others. Examples of forward-looking statements include:

- expectations that the conditions precedent to the Final Funding Agreement will be satisfied;
- expectations about payments to a special purpose fund for the compensation of proven asbestos-related personal injury and death claims;
- expectations concerning the company's Australian Tax Office amended assessment;
- expectations that the company's credit facilities will be extended or renewed;
- projections of operating results or financial condition;
- statements regarding plans, objectives or goals, including those relating to competition, acquisitions, dispositions and products;
- statements about future performance; and
- statements about product or environmental liabilities.

Words such as "believe," "anticipate," "plan," "expect," "intend," "target," "estimate," "project," "predict," "forecast," "guideline," "should," "aim" and similar expressions are intended to identify forward-looking statements but are not the exclusive means of identifying such statements.

Forward-looking statements involve inherent risks and uncertainties. The company cautions that a number of important factors could cause actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements. These factors include, but are not limited to, the risk factors discussed under "Risk Factors" beginning on page 6 of the Form 20-F filed on 7 July 2005, and: all matters relating to or arising out of the prior manufacture of products that contained asbestos by current and former James Hardie Australian subsidiaries; compliance with and changes in tax laws and treatments; competition and product pricing in the markets in which the company operates; the consequences of product failures or defects; exposure to environmental, asbestos or other legal proceedings; general economic and market conditions; the supply and cost of raw materials; the success of research and development efforts; reliance on a small number of product distributors; compliance with and changes in fax so f conducting business internationally; compliance with and changes in laws and regulations; foreign exchange risks; the successful implementation of new software systems and the successful implementation of the internal control over financial reporting requirements of Section 404 of the Sarbanes-Oxley Act of 2002, as codified by Item 308 of Regulation S-K. The company cautions that the foregoing list of factors is not exclusive and that other risks and uncertainties may cause actual results to differ materially from those in forward-looking statements. Forward-looking statements speak only as of the date they are made.

Management's Analysis of Results: James Hardie — 4th Quarter and Full Year FY06



#### FY06 4<sup>th</sup> Quarter and Full Year Results 15 May 2006

In this Management Presentation, James Hardie may present the financial measures, sales volume terms, financial ratios, and Non-US GAAP financial measures included in the Definitions section of this document starting on page 56. The company presents financial measures that it believes are outsomarily used by its Australian investors. Specifically, these financial measures include "EBIT", "EBIT margin", "Operating profit from continuing operations", and "Net operating profit including discontinued operations". The company may also present other terms for measuring its sales volumes ("million square feet (msf)" and "thousand square feet (msf)"; financial ratios ("Gearing ratio", "Net interest expense cover", Net interest paid cover", "Net debt payback", "Net debt/cash"); and Non-US GAAP financial measures ("EBIT" and EBIT margin excluding asbestos provision", "EBIT excluding asbestos provision, impairment charge and SCI and other related expenses", "Operating profit from continuing operations excluding asbestos provision", "Diluted earnings per share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax por share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax pointions" and "EBITDA"). Utless otherwise stated, results are for continuing operations only and comparisons are of the dth quarter and the full year versus the 4th quarter and full year of the prior fiscal year.

### Agenda

- Overview and Operating Review Louis Gries, CEO
- Financial Review and Final Funding Agreement Update – Russell Chenu, CFO
- Questions and Answers

#### Results

- Results substantially affected by booking asbestos provision of US\$715.6m
- Excluding asbestos provision
  - 4<sup>th</sup> quarter operating profit up 40% to US\$64.7m
  - Full year operating profit up 63% to US\$208.9m
- Excluding SCI and other related expenses, impairment charge and writeback of tax provisions
  - 4<sup>th</sup> quarter operating profit up 13% to US\$54.5m
  - Full year operating profit up 42% to US\$212.7m
- Final dividend of US 4 cents. Full year dividend up US 2 cents to US 8 cents

#### **Operating Results**

#### 4<sup>th</sup> Quarter:

- Strong top-line growth driven by outstanding performance of USA Fibre Cement
- EBIT flat higher costs, weaker Asia Pacific performance and very strong Q4 FY05 comparable
- Continued strong cash flow generation

#### Full Year:

- Outstanding results at top-line and bottom-line, despite higher costs
- · Full year targets met and on track for longer-term targets
- Substantial cash flow generation

#### 4th Quarter and Full Year FY06

	Q4 FY06 %	FY06 %
Net Sales	up 23	up 23
Gross Profit	up 15	up 29
EBIT excluding asbestos expense, SCI and other related expenses and impairment charge	up 1	up 39
Operating Profit from Continuing Operations excluding asbestos expense, SCI and other related expenses, impairment charge and write-back of tax provisions	up 13	up 42

# Highlights

#### 4<sup>th</sup> Quarter – strong top-line growth

- Net sales up 23% to US\$389.8 million
- Gross profit up 15% to US\$139.5 million
- USA Fibre Cement sales up 32% to US\$325.6 million

# Highlights

#### Full Year – very strong results

- Net sales up 23% to US\$1,488.5 million
- Gross profit up 29% to US\$550.8 million
- USA Fibre Cement sales up 30% to US\$1,218.4 million
- USA Fibre Cement EBIT up 42% to US\$342.6 million
- Significant capacity expansion

### **Exceeding Targets**

	<u>FY'06</u> <u>Actual</u>	<u>Long Term</u> <u>Target</u>
Revenue Growth	23%	>15% pa
EBIT <sup>1</sup> /Sales	21%	>15% pa
Return on Assets <sup>2</sup>	17%	>15% pa

\* Excludes asbestos provision, SCI and other related expenses and impairment charge
\* Net income (excluding asbestos provision, SCI and other related expenses, and write-back of tax provisions) divided by total average assets



# Operating Review Louis Gries, CEO

# РНОТО

# 4<sup>th</sup> Quarter Result – very strong sales growth

Net Sales	up	32% to US\$325.6 million
Sales Volume	up	22% to 575.1 mmsf
Average Price	up	8% to US\$566 per msf
EBIT	up	7% to US\$82.7 million
EBIT Margin	down	5.8 pts to 25.4%

#### 4<sup>th</sup> Quarter Trading Conditions

- New housing construction and repair and remodelling activity remained buoyant
  - Interest rates still low, but increasing
  - Unseasonably good weather

#### **Key Points**

- Continuing sales growth in both emerging and established markets
- Sales of both interior and exterior products growing strongly
- Continued market penetration against alternative materials
- Sales growth in higher-priced differentiated products
- ColorPlus<sup>™</sup> strategy continuing to progress well
- Completed construction of new paint line at Blandon, Pennsylvania
- Completed construction of line 1 at new plant in Pulaski, Virginia commercial production in April
- EBIT for quarter impacted by higher cost of sales, freight and SG&A costs (including one-off adjustments)

#### **Higher Costs in Q4**

- Cost of sales up 14% (materials, product mix, energy and one-off adjustments – partly offset by manufacturing efficiency gains)
- SG&A up 74% (one-off adjustments and growth initiatives)
- Freight up 13% (impact of higher oil prices)

#### Outlook

- New housing construction activity to slow to more sustainable levels
  - Modest interest rate increases affecting affordability
  - Indicators of future activity, including permits; house sales; backlog of houses for sale and builder confidence, suggest a 'cooling' is underway
- Revenue growth from further penetration of targeted markets and pricing
  - Growth in sales of higher-priced differentiated products
  - Price increase for some products in some markets
- Cement, energy and freight costs to remain high







#### Strategy – Unchanged

- Aggressively grow primary demand for our product in our targeted markets
- Increase our share of exterior cladding and backerboard markets while maintaining our existing category share
- Leverage our superior technology to offer differentiated, segment-specific products
- Offer products with superior value to those of our competitors to reduce direct price competition

# ΡΗΟΤΟ

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### 4<sup>th</sup> Quarter Result

Net Sales	down	2% to US\$57.2 million
Sales Volume	up	1% to 90.3 mmsf
EBIT	down	24% to US\$9.3 million
EBIT Margin	down	2.6 pts to 17.2%

#### Strategy – Unchanged

- Grow primary demand for our product
- Vigorously protect and grow category share in existing market segments
- Leverage our superior technology to offer differentiated products with greater value than those of competitors
- Offer lowest delivered cost for manufactured product

#### Australia and New Zealand – Key Points

- New housing and renovation activity continued to weaken in both Australia and New Zealand
- Sales volumes and market share increased
- Regaining momentum in commercial sector lost through last year's bans and boycotts
- Net sales up slightly to US\$51.1m, up 6% in A\$
- EBIT down 18% due to higher costs mainly manufacturing and freight
- Full year sales up 4%, EBIT down 8% due to higher costs

#### Australia and New Zealand – Outlook

- New housing construction and renovation activity in Australia and New Zealand expected to soften further
- Growth in primary demand for our products
- More market share gains
- Cost savings and manufacturing efficiencies

#### Philippines - Key Points

- Domestic demand affected by weaker economic conditions and slowdown in building construction activity
- Net sales down 15% for quarter and 9% full year
- EBIT positive for both quarter and full year

#### Outlook

- Uncertainty in domestic economic conditions to adversely affect building construction activity
- Domestic sales volumes to be flat over short-term
- Improved construction activity in core export markets

#### Other

#### **USA Hardie Pipe - Key Points**

- Both residential and non-residential construction activity remained buoyant in Florida
- Q4 sales strongest in FY06, but below Q4 FY05
- Market share gains
- Manufacturing performance improvements
- Reduced EBIT loss for quarter and full year

### Other

#### **Europe Fibre Cement**

- Sales building steadily
- Continuing to expand distribution channels

#### Artisan™ Roofing

- Ceased market development initiatives
- Review of market testing results concluded greater shareholder value created by focusing investment elsewhere
- Pilot plant closed asset impairment charge of US\$13.4m in Q4

#### **Research and Development**

- Driver of sustainable competitive advantage and growth
- R&D responsible for: HLD® trim; XLD® trim; Hardibacker 500®; wet area flooring; EZ Grid®; Linea®; ColorPlus®; laminate film and scale improvements (increase from 100mmsf to 300mmsf machines)
- Current core projects
  - Engineered raw materials
  - Product formulations
  - Engineering and process technologies
  - Lightweight and durable products for all climates

#### **Overall Outlook**

- Housing construction and repair and remodelling activity in North America to slow, but remain healthy
  - Further market penetration against alternative materials
  - Increased share of US exterior cladding and backerboard markets
- No material improvement to market conditions in Asia Pacific businesses expected in short-term
- SCI and other related expenses expected to continue into FY 2007



# Financial Review and Final Funding Agreement Update

**Russell Chenu, CFO** 

- Income statement and balance sheet substantially affected by booking US\$715.6m asbestos provision
- Balance sheet remains very strong excluding asbestos provision
  - Net cash US\$12.4m v net debt of US\$45.8m at 31 March 2005
  - Cash and unused term facilities of US\$489.1m
- Continued to generate substantial operating cash flow US\$240.6m FY06
- Distributions from retained earnings unaffected by impact of booking asbestos provision
- Final dividend of US 4 cents a share. Full year dividend US 8 cents up US 2 cents
  - Record date 14 June 2006
  - Payable 6 July 2006
- Retired fixed rate debt of US\$122m on 8 May plus US\$6m make-whole payment
  - · Currently arranging replacement facilities

#### **Asbestos Provision**

- "Blackhole expenditure" legislation came into force on 6 April 2006
- Determined definitions of 'probable and estimable' (SFAS No. 5) were satisfied
- Net provision (adjusted for tax) of US\$715.6m recorded with corresponding entry to asbestos expense in income statement
  - Tax decisions remain subject to ongoing application to ATO
  - Provision recorded on gross basis should proposal be implemented
- Amount of provision primarily based on actuarial estimate by KPMG Actuaries Pty Ltd as at 31 March 2006
  - Projected cash flows, undiscounted and uninflated
- Tax treatment remains a condition precedent to FFA, with range of others including lender and shareholder approval

#### **Asbestos Provision**

#### Likely ongoing accounting

- Annual payments to SPF charged against provision
- Provision adjusted annually to align with 31 March annual actuarial assessment (projected cash flows, undiscounted and uninflated)
- Asbestos provision in income statement to reflect movement in actuarial estimate and foreign exchange
- Unaudited pro forma (excluding asbestos provision) consolidated balance sheet, income statement and cash flow statement to be included in Management's Analysis of Results going forward

Note: subject to completion of the Final Funding Agreement

#### Asbestos Compensation Funding Proposal

#### Update

- Continuing to focus on satisfying conditions precedent in Final Funding Agreement
- 'Blackhole' legislation came into force on 6 April
- Further submissions on tax deductibility of payments to SPF lodged with ATO – discussions continuing
- Further correspondence with ATO on tax exempt status of SPF – discussions continuing
- Not in a position to reliably estimate date of shareholder meeting
### Updated Actuarial Estimate

KPMG Actuaries P/L expected estimate at 31 March 2006 (based on 30 June 2005 estimate)	A\$1,666.7m
Change in discount rate	(55.5)
	1,611.2
Reduced by:	
Reduction in assumed average cost per claim	(38.3)
Emerging claims experience	(17.5)
Insurance recoveries	(28.6)
Other	(16.0)
Claims inflation	44.1
Nil cost claims	36.6
Total development in net liability	(19.7)
Estimated legal cost savings (NSW)	(74.5)
Net liability at 31 March 2006	A\$1,517.0
Note: all amounts on net present value basis	

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### **Updated Actuarial Estimate**

### Comparison

<u>A\$ billions</u>	<u>30 Jun 04</u>	<u>31 Mar 05</u>	<u>30 Jun 05</u>	<u>31 Mar 06</u>
Central Estimate – Discounted	1.536	1.685	1.568 <sup>1</sup>	1.517 <sup>1</sup>
Central Estimate – Undiscounted	3.586	3.604	3.131 <sup>1</sup>	3.0791
Range - Undiscounted	2.0 - 5.7	2.0 - 5.9	1.5 - 5.5 <sup>1</sup>	1.7 - 5.3 <sup>1</sup>

Note: all amounts above are on a net present value basis <sup>1</sup>Includes estimated legal cost savings for NSW only

# Results - Q4

US\$ Millions	<u>Q4 '06</u>	<u>Q4 '05</u>	<u>% Change</u>
Net Sales	389.8	316.4	23
Gross profit	139.5	121.3	15
SG&A expense	(63.4)	(42.4)	50
R&D	(7.0)	(5.2)	35
SCI & other related expenses	(2.7)	(3.7)	(27)
Impairment of roofing plant	(13.4)	-	-
Asbestos provision	(715.6)	-	-
Other operating loss	-	(5.4)	-
EBIT	(662.6)	64.6	-
Net interest income (expense)	0.7	(0.6)	-
Other income	-	0.2	-
Income tax benefit (expense)	11.0	(17.9)	-
Operating (loss) profit from continuing operations	(650.9)	46.3	-
EBIT excluding asbestos provision, SCI and other related expenses and impairment charge	69.1	68.3	1
Operating profit from continuing operations excluding asbestos provision, SCI and other related expenses, impairment charge and write-back of tax provisions (US\$20.7m)	54.5	48.4	13 <b>37</b>

# **Results – Full Year**

US\$ Millions	<u>FY '06</u>	<u>FY '05</u>	<u>% Change</u>	
Net Sales	1,488.5	1210.4	23	
Gross profit	550.8	426.4	29	
SG&A expense	(209.8)	(174.5)	20	
R&D	(28.7)	(21.6)	33	
SCI & other related expenses	(17.4)	(28.1)	(38)	
Impairment of roofing plant	(13.4)	-	-	
Asbestos provision	(715.6)	-	-	
Other operating loss	(0.8)	(6.0)	-	
EBIT	(434.9)	196.2	-	
Net interest expense	(0.2)	(5.1)	-	
Other expense	-	(1.3)	-	
Income tax expense	(71.6)	(61.9)	16	
Operating (loss) profit from continuing operations	(506.7)	127.9	-	
EBIT excluding asbestos provision, SCI and other related expenses and impairment charge	311.5	224.3	39	
Operating profit from continuing operations excluding asbestos provision, SCI and other related expenses, impairment charge and write-back of tax provisions (US\$20.7m)	212.7	156.0	36	38

# Segment Net Sales – Q4

<u>US\$ Millions</u>	<u>Q4 '06</u>	<u>Q4 '05</u>	<u>% Change</u>
USA Fibre Cement	325.6	247.2	32
Asia Pacific Fibre Cement	57.2	58.2	(2)
Other	7.0	11.0	(36)
Total	389.8	316.4	23

# Segment Net Sales – Full Year

<u>US\$ Millions</u>	<u>FY '06</u>	<u>FY '05</u>	<u>% Change</u>
USA Fibre Cement	1,218.4	939.2	30
Asia Pacific Fibre Cement	241.8	236.1	2
Other	28.3	35.1	(19)
Total	1,488.5	1,210.4	23

# Segment EBIT – Q4

<u>US\$ Millions</u>	<u>Q4 '06</u>	<u>Q4 '05</u>	<u>% Change</u>
USA Fibre Cement	82.7	77.1	7
Asia Pacific Fibre Cement	9.3	12.3	(24)
R&D	(3.9)	(6.1)	(36)
Other	(3.8)	(1.7)	-
General Corporate	(17.9)	(17.0)	5
Impairment of roofing plant	(13.4)	-	-
Asbestos provision	(715.6)	-	-
EBIT	(662.6)	64.6	-
Add back:			
Asbestos provision	715.6	-	-
SCI and other related expenses	2.7	3.7	(27)
Impairment charge	13.4	-	-
EBIT excluding asbestos provision, SCI and other related expenses and impairment charge	69.1	68.3	1
R&D includes "core" R&D expenses and administrative expenses, but	t excludes produc	t development e	xpenses

# Segment EBIT – Full Year

US\$ Millions	<u>FY '06</u>	<u>FY '05</u>	<u>% Change</u>
USA Fibre Cement	342.6	241.5	42
Asia Pacific Fibre Cement	41.7	46.8	(11)
R&D	(15.7)	(17.5)	(10)
Other	(13.1)	(11.8)	11
General corporate	(61.4)	(62.8)	(2)
Impairment charge of roofing plant	(13.4)	-	-
Asbestos provision	(715.6)	-	-
EBIT	(434.9)	196.2	-
Add back:			
Asbestos expense	715.6	-	-
SCI and other related expenses	17.4	28.1	-
Impairment charge	13.4	-	-
EBIT excluding asbestos expense SCI and other related expenses and impairment charge	311.5	224.3	39
R&D includes "core" R&D expenses and administrative expenses, but excludes product development expenses			

# Corporate Costs – Q4 and Full Year

<u>US\$ Millions</u>	<u>Q4'06</u>	<u>Q4'05</u>	<u>FY '06</u>	<u>FY '05</u>
SCI and other related expenses	2.7	3.7	17.4	28.1
Stock compensation expense	2.2	1.4	6.4	2.9
Earnings related bonus	5.0	-	9.5	0.9
Australian pension plan	1.3	5.3	1.8	5.3
Other costs	6.7	6.7	26.2	25.6
Total	17.9	17.0	61.4	62.8

### **Corporate costs**

### **Earnings Related Bonus**

- Supports objective of creating long-term value and rewards, consistent with value creation
- Based on year-on-year increase in economic profit
- Targeted annual increases in EP set by board remuneration committee with assistance of external advisers – target increases every year in 3 year cycle
- Amount exceeding target taken into account in bonus calculation
- This year EP Bonus target exceeded: 45% of bonus expense paid in year 1, 55% put into notional bank
- The banked bonus is paid out in years 2 and 3 if EP targets continue to be met or exceeded

# Net Interest Expense

<u>US\$ Millions</u>	<u>Q4'06</u>	<u>Q4'05</u>
Net interest income (expense)	0.7	(0.6)
	<u>FY '06</u>	<u>FY '05</u>
Net interest expense	(0.2)	(5.1)

# Income Tax

US\$ Million	<u>Q4'06</u>	<u>Q4'05</u>	<u>%</u> <u>Change</u>
Operating (loss) profit before tax	(662.6)	64.2	-
Asbestos provision	715.6	-	-
Operating profit before tax excluding asbestos provision	53.0	64.2	(16)
Tax benefit (expense)	11.0	(17.9)	_
Write-back of tax provisions*	(20.7)	-	-
Tax charge excluding write-back	(9.7)	(17.9)	(46)
Effective rate	18.3%	27.9%	
*Reversal of income tax reserves following finalisation of certain tax audi	ts		46

# Income Tax

US\$ Million	<u>FY'06</u>	<u>FY'05</u>	<u>%</u> Change
Operating (loss) profit before tax	(435.1)	189.8	-
Asbestos provision	715.6	-	-
Operating profit before tax excluding asbestos provision	280.5	189.8	48
Tax charge	(71.6)	(61.9)	-
Write-back of tax provisions*	(20.7)	-	-
Tax charge excluding write-back	(92.3)	(61.9)	49
Effective rate	32.9%	32.6%	

\*Reversal of income tax reserves following finalisation of certain tax audits.

### Income Tax

### **Amended Assessment**

- RCI P/L (wholly-owned subsidiary) received amended assessment of A\$412m from ATO for Y/E 31 March 1999
- Amended assessment reduced to A\$378m due to remission of interest charges
- Date payable deferred by ATO to 30 June 2006
- Amended assessment strongly disputed by company, which is pursuing all avenues of objection and appeal, and believes its position will ultimately prevail
- Unable to determine whether any amount will ultimately be paid
- Liability not recorded definitions of 'probable and estimable' (US GAAP) not met

# EBITDA-Q4

US\$ Millions	<u>Q4'06</u>	<u>Q4'05</u>	<u>% Change</u>
<b>EBIT</b> (excluding asbestos provision) USA Fibre Cement Asia Pacific Fibre Cement Other R&D General Corporate	82.7 9.3 (17.2) (3.9) (17.9)	77.1 12.3 (1.7) (6.1) (17.1)	7 (24) (36) 5
<b>Depreciation and Amortisation</b> USA Fibre Cement Asia Pacific Fibre Cement Other segments	8.2 2.6 0.7	6.1 2.7 0.8	34 (4) (13)
EBITDA (excluding asbestos provision) Add back:	64.5	74.2	(13)
SCI and other related expenses	2.7	3.7	(27)
Impairment charge	13.4	-	-
EBITDA excluding asbestos provision, SCI and other related expenses and impairment charge	80.6	77.9	3

R&D includes "core" R&D expenses and administrative expenses, but excludes product development expenses Other segments, Depreciation and Amortisation includes Other, R&D and General Corporate

# EBITDA - Full Year

US\$ Millions	<u>FY'06</u>	<u>FY'05</u>	<u>% Change</u>
<b>EBIT</b> (excluding asbestos provision) USA Fibre Cement Asia Pacific Fibre Cement Other R&D General Corporate	342.6 41.7 (26.5) (15.7) (61.4)	241.5 46.8 (11.8) (17.5) (62.8)	42 (11) 125 (10) (2)
<b>Depreciation and Amortisation</b> USA Fibre Cement Asia Pacific Fibre Cement Other segments	32.4 10.0 2.9	23.1 10.0 3.1	40 - (6)
EBITDA (excluding asbestos provision) Add back: SCI and other related expenses	<b>326.0</b> 17.4	<b>232.4</b> 28.1	<b>40</b> (38)
Impairment charge	13.4	-	-
EBITDA excluding asbestos provision, SCI and other related expenses and impairment charge	356.8	260.5	37
Net cash provided by operating activities	240.6	219.8	9

R&D includes "core" R&D expenses and administrative expenses, but excludes product development expenses Other segments, Depreciation and Amortisation includes Other, R&D and General Corporate

# Capital Expenditure – Full Year

	Capital Expenditure		Depre	ciation
<u>US\$ Million</u>	<u>FY06</u>	<u>FY05</u>	<u>FY06</u>	<u>FY05</u>
USA Fibre Cement	155.5	144.8	32.4	23.1
Asia Pacific Fibre Cement	6.2	3.8	10.0	10.0
Other segments	1.1	4.4	2.9	3.1
Total	162.8	153.0	45.3	36.2

Other segments includes Other, R&D and General Corporate

# **Key Ratios**

	<u>FY06</u>	<u>FY05</u>	<u>FY04</u>
EPS (Diluted) 1	44.9c	27.7c	27.2c
Dividend paid per share	10.0c	3.0c	5.0c
Return on Shareholders' Funds <sup>1</sup>	29.6%	22.4%	27.6%
Return on Capital Employed <sup>1</sup>	32.1%	23.6%	23.4%
EBIT/ Sales (EBIT margin)	20.9%	16.2%	17.5%
Gearing Ratio	(1.6)%	6. <b>8%</b>	17.0%
Net Interest Expense Cover <sup>1</sup>	-	38.5x	17.2x
Net Interest Paid Cover	<b>8</b> 9.0x	18.3x	14.8x
Net Debt Payback	-	0.2 years	0.6 years

<sup>1</sup> Excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions

# Summary

- Strong operating performance
- The company's financial position remains strong
- Tax treatment of payments to the SPF remains a key issue for "affordability"
- SCI and other related expenses continue to be a significant cost burden

# Questions & Answers

### Disclaimer

This Management's Analysis of results contains forward-looking statements. James Hardie may from time to time make forward-looking statements in its periodic reports filed with or furnished to the United States Securities and Exchange Commission on Forms 20-F and 6-K, in the annual reports to shareholders, in offering circulars and prospectuses, in media releases and other written materials and in oral statements made by the company's officers, directors or employees to analysts, institutional investors, representatives of the media and others. Examples of forward-looking statements include:

expectations that the conditions precedent to the Final Funding Agreement will be satisfied;

•expectations about payments to a special purpose fund for the compensation of proven asbestos-related personal injury and death daims;

- expectations concerning the company's Australian Tax Office amended assessment;
- expectations that the company's credit facilities will be extended or renewed;

projections of operating results or financial condition;

statements regarding plans, objectives or goals, including those relating to competition, acquisitions, dispositions and products;

statements about future performance; and
 statements about product or environmental liabilities.

-statements about product or environmental hadrines.

Word's such as "believe," "anticipate," "plan," "expect," "Intend," "target," "estimate," "project," "predict," "brecast," "guideline," "should," "aim" and similar expressions are intended to identify boward-booking statements but are not the exclusive means of identifying such statements.

Forward-looking statements involve inherent risks and uncertainties. The company cautions that a number of important factors could cause actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements. These factors include, but are not limited to, the risk factors discussed under "Risk Factors" beginning on page 6 of the Form 20-F filed on 7 July 2005, and: all matters relating to oranising out of the prior manufacture of products that contained asbestos by current and former James Hardie. Australian subsidiaries; compliance with and changes in tax laws and treatments; competition and product prioring in the markets in which the company operates; the consequences of product failures or defects; exposure to environmental, asbestos or other legal proceedings; general economic and market conditions; the supply and cost of raw materials; the success of research and development efforts; reliance on a small number of product distributors; compliance with and changes in environmental and safety laws; risks of conducting fusiness internationally; compliance with and changes in laws and regulations; foreign exchange risks; the successful implementation of new software systems and the successful implementation of the internal control over financial reporting requirements of Section 404 of the Sarkanes-Cikley Act of 2002, as codified by filem 308 of Regulation S-K . The company cautions that the foregoing list of factors is not exclusive and that other risks and uncertainties may cause adual results to differ materially from the success of rabuse and use of above software sealed only as of the day and esoftware looking statements. Forward-looking datements speak only as of the date they are made.

# Endnotes

#### DEFINITIONS

#### Financial Measures – US GAAP equivalents

EBIT and EBIT margin - EBIT is equivalent to the US GAAP measure of operating income. EBIT margin is defined as EBIT as a percentage of net sales. James Hardie believes EBIT and EBIT margin to be relevant and useful information as these are the primary measures used by management to measure the operating profit or loss of its business. EBIT is one of several metrics used by management to measure the earnings generated by the company's operations, excluding interest and income tax expenses. Additionally, EBIT is believed to be a primary measure and terminology used by its Australian investors. EBIT and EBIT margin should be considered in addition to, but not as a substitute for, other measures of financial performance reported in accordance with accounting principles generally accepted in the United States of America. EBIT and EBIT margin, as the company has defined them, may not be comparable to similarly titled measures reported by other companies.

Operating profit from continuing operations - is equivalent to the US GAAP measure of income from continuing operations.

Net operating profit including discontinued operations - is equivalent to the US GAAP measure of net income.

#### SALES VOLUMES

mmsf - million square feet, where a square foot is defined as a standard square foot of 5/16" thickness.

msf - thousand square feet, where a square foot is defined as a standard square foot of 5/16" thickness.

#### FINANCIAL RATIOS

Gearing Ratio - Net debt/cash divided by net debt/cash plus shareholders' equity.

Net interest expense cover - EBIT divided by net interest expense.

Net interest paid cover - EBIT divided by cash paid during the period for interest, net of amounts capitalised.

Net debt payback - Net debt/cash divided by cash flow from operations.

Net debt/cash - short-term and long-term debt less cash and cash equivalents.

### NON-US GAAP FINANCIAL MEASURES

**<u>EBIT and EBIT margin excluding asbestos provision</u> – EBIT and EBIT margin excluding asbestos provision are not measures of financial performance under US GAAP and should not be considered to be more meaningful than EBIT and EBIT margin. James Hardie has included these financial measures to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations and provides useful information regarding its financial condition and results of operations. The company uses these non-US GAAP measures for the same purposes.</u>** 

US\$ Million	Q4 FY06	Q4 FY05	FY06	FY05
EBIT	\$(662.6)	\$64.6	\$(434.9)	\$196.2
Asbestos provision	715.6	-	715.6	-
EBIT excluding asbestos provision	53.0	64.6	280.7	196.2
Net Sales	389.8	316.4	1488.5	1210.4
EBIT margin excluding asbestos provision	13.6%	20.4%	18.9%	16.2%

**EBIT excluding asbestos provision, impairment charge and SCI and other related expenses** – EBIT excluding asbestos provision, impairment charge and SCI and other related expenses is not a measure of financial performance under US GAAP and should not be considered to be more meaningful than EBIT. James Hardie has included this financial measure to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations and provides useful information regarding its financial condition and results of operations. The company uses this non-US GAAP measure for the same purposes.

US\$ Million	Q4 FY06	Q4 FY05	FY06	FY05
EBIT	\$(662.6)	\$64.6	\$(434.9)	\$196.2
Asbestos provision	715.6	-	715.6	-
Impairment of roofing plant	13.4	-	13.4	-
SCI and other related expenses	2.7	3.7	17.4	28.1
EBIT excluding asbestos provision, impairment charge and SCI and other related expenses	69.1	68.3	311.5	224.3

**Operating profit from continuing operations excluding asbestos provision** – Operating profit from continuing operations excluding asbestos provision is not a measure of financial performance under US GAAP and should not be considered to be more meaningful than operating profit from continuing operations. The company has included this financial measure to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations. The company uses this non-US GAAP measure for the same purposes.

US\$ Million	Q4 FY06	Q4 FY05	FY06	FY05
Operating (loss) profit from continuing operations	\$(650.9)	\$46.3	\$(506.7)	\$127.9
Asbestos provision	715.6	-	715.6	-
Operating profit from continuing operations excluding asbestos provision	64.7	46.3	208.9	127.9

**Diluted earnings per share from continuing operations excluding asbestos provision, impairment charge, SCI** and other related expenses and write-back of tax provisions – Diluted earnings per share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and the write-back of tax provision is not a measure of financial performance under US GAAP and should not be considered to be more meaningful than Diluted earnings per share from continuing operations. The company has included this financial measure to provide investors with an alternative method for assessing its operating results in a manner that is focussed on the performance of its ongoing operations. The company's management uses this non-US GAAP measure for the same purposes.

US\$ Million	Q4 FY06	Q4 FY05	FY06	FY05
Operating (loss) profit from continuing operations	\$ (650.9)	\$ 46.3	\$ (506.7)	\$ 127.9
Asbestos provision	715.6	-	715.6	-
Impairment of roofing plant (net of tax)	8.0	-	8.0	-
SCI and other related expenses (net of tax)	2.5	2.1	16.5	22.3
Write-back of tax provisions	(20.7)	-	(20.7)	-
Operating profit from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions	54.5	48.4	212.7	150.2
Weighted average common shares outstanding (Millions) – Diluted	467.0	463.2	465.0	461.0
Diluted eamings per share from continuing operations excluding asbestos provision, impairment charge, SCI and other related expenses and write-back of tax provisions (US cents)	11.7	10.4	45.7	32.6 <b>61</b>

**EBITDA** – is not a measure of financial performance under US GAAP and should not be considered an alternative to, or more meaningful than, income from operations, net income or cash flows as defined by US GAAP or as a measure of our profitability or liquidity. Not all companies calculate EBITDA in the same manner as James Hardie has and, accordingly, EBITDA may not be comparable with other companies. The company has included information concerning EBITDA because it believes that this data is commonly used by investors to evaluate the ability of a company's earnings from its core business operations to satisfy its debt, capital expenditure and working capital requirements.

James Hardie Industries N.V. and Subsidiaries Consolidated Financial Statements For the Year Ended 31 March 2006

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#### **Report of Independent Registered Public Accounting Firm**

To the Board of Directors and Shareholders of James Hardie Industries N.V. and Subsidiaries

In our opinion, the accompanying consolidated balance sheets and the related consolidated statements of income, cash flows and changes in shareholders' equity present fairly, in all material respects, the financial position of James Hardie Industries N.V. and Subsidiaries at 31 March 2006 and 2005, and the results of their operations and their cash flows for each of the three years in the period ended 31 March 2006 in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

As discussed in Notes 12 and 13 to the consolidated financial statements, the Company is subject to certain significant contingencies, including asbestosrelated claims against former subsidiaries for which a provision in an amount representing the Company's best estimate of probable outcome has been established; a Special Commission of Inquiry established by the government of New South Wales, Australia; a Heads of Agreement; a Final Funding Agreement; an investigation by the Australian Securities and Investments Commission; an offer of an indemnity to ABN 60 together with a related commitment to provide funding to the Medical Research and Compensation Foundation; and a significant tax assessment from the Australian Tax Office.

Los Angeles, California 12 May 2006

### Item 1. Financial Statements

### James Hardie Industries N.V. and Subsidiaries **Consolidated Balance Sheets**

			ons of ollars)	(Milli Australia	ons of n Dollars)
	Notes	31 March 2006	31 March 2005	31 March 2006	31 March 2005
				(Unaudited)	(Unaudited)
Assets					
Current assets:					
Cash and cash equivalents	3	\$ 315.1	\$ 113.5	A\$ 440.4	A\$ 146.9
Accounts and notes receivable, net of allowance for doubtful					
accounts of \$1.3 million (A\$1.8 million) and \$1.5 million					
(A\$1.9 million) as of 31 March 2006 and 31 March 2005,					
respectively	4	153.2	127.2	214.1	164.7
Inventories	5	124.0	99.9	173.3	129.3
Prepaid expenses and other current assets		33.8	12.0	47.2	15.5
Deferred income taxes	13	30.7	26.0	42.9	33.7
Total current assets		656.8	378.6	917.9	490.1
Property, plant and equipment, net	6	775.6	685.7	1,083.9	887.7
Deferred income taxes	13	4.8	12.3	6.7	15.9
Other assets		8.2	12.3	11.5	15.9
Total assets		\$ 1,445.4	\$ 1,088.9	A\$ 2,020.0	A\$ 1,409.6
Liabilities and Shareholders' Equity					
Current liabilities:					
Accounts payable and accrued liabilities	8	\$ 117.8	\$ 94.0	A\$ 164.6	A\$ 121.7
Current portion of long-term debt	9	121.7	25.7	170.1	33.3
Short-term debt	9	181.0	11.9	252.9	15.4
Accrued payroll and employee benefits		46.3	35.7	64.7	46.2
Accrued product warranties	11	11.4	8.0	15.9	10.4
Income taxes payable	13	24.5	21.4	34.2	27.7
Other liabilities		3.3	1.7	4.6	2.2
Total current liabilities		506.0	198.4	707.0	256.9
Long-term debt	9	_	121.7	_	157.6
Deferred income taxes	13	79.8	77.5	111.5	100.3
Accrued product warranties	11	4.1	4.9	5.7	6.3
Asbestos provision	12	715.6	—	1,000.0	
Other liabilities	10	45.0	61.7	62.9	79.9
Total liabilities		1,350.5	464.2	A\$ 1,887.1	A\$ 601.0
Commitments and contingencies (Note 12)					
Shareholders' equity:					
Common stock, Euro 0.59 par value, 2.0 billion shares					
authorised; 463,306,511 shares issued and outstanding at					
31 March 2006 and 459,373,176 shares issued and					
outstanding at 31 March 2005	15	253.2	245.8		
Additional paid-in capital	15	158.8	139.4		
Retained (deficit) earnings		(288.3)	264.3		
Employee loans	15	(0.4)	(0.7)		
Accumulated other comprehensive loss	18	(28.4)	(24.1)		
Total shareholders' equity		94.9	624.7		
Total liabilities and shareholders' equity		<u>\$ 1,445.4</u>	\$ 1,088.9		

The accompanying notes are an integral part of these consolidated financial statements.

### James Hardie Industries N.V. and Subsidiaries Consolidated Statements of Operations

Notes         2006         2004           Notestales         17         \$ 1.488.5         \$ 1.210.4         \$ 981.9           Cost of goods sold         (937.7)         (784.0)         (623.0)           Gross profit         550.8         426.4         358.9           Selling, general and administrative expenses         (209.8)         (174.5)         (162.0)           Research and development expenses         (23.7)         (21.6)         (22.6)           SCI and other related expenses         12         (17.4)         (28.1)            Impairment of Toroling plant         6         (13.4)             Absets provision         12         (71.5)         (71.2)         (172.2)           Other operating expense         (0.8)         (60.0)         (21.1)           Other expense         (7.2)         (7.3)         (11.2)           Interest expense         (7.2)         (7.3)         (11.2)           (Loss) income from continuing operations         7.0         2.2         1.2           (Loss) income from continuing operations, net of income tax benefit (expense) of nil,         (20.5)         1.20.9         1.25.3           Discontinued operations, net of income tax benefit of nil, nil				Years ended 31 March	
Cost of goods sold       (937.7)       (784.0)       (623.0)         Gross profit       550.8       426.4       358.9         Selling, general and administrative expenses       (29.9.8)       (174.5)       (162.0)         SCI and other related expenses       12       (17.4)       (22.1)          Impairment of fronting plant       6       (13.4)           Absets provision       12       (71.5)           Other operating expense       (0.8)       (60.0)       (2.1)       Operating (loss) income       17.2       (13.2)       11.2       (17.5)                                  11.2       (17.5)                 12.2       12.2       12.2       13.2       11.5          12.2       12.2       12.5       15.5       16.5 <td< th=""><th>(Millions of US dollars, except per share data)</th><th>Notes</th><th>2006</th><th>2005</th><th>2004</th></td<>	(Millions of US dollars, except per share data)	Notes	2006	2005	2004
Gross profit         550.8 $426.4$ $558.9$ Selling, general and administrative expenses         (209.8)         (174.5)         (162.0)           Research and development expenses         (28.7)         (21.6)         (22.1)         -           Impairment of roofing plant         6         (13.4)         -         -         -           Absetsos provision         12         (71.5)         (-         -         -           Oher operating expense         (0.8)         (6.0)         (2.1)         -         -           Operating (loss) income         (72.2)         (7.3)         (11.2)         -	Net sales	17	\$ 1,488.5	\$ 1,210.4	\$ 981.9
Soling general and administrative expenses(102.0)Research and development expenses(28.7)(21.6)(22.6)SCI and other related expenses12(17.4)(28.1)SCI and other related expenses12(17.4)(28.1)Abestos provision12(71.5)Other operating expense(6.8)(6.0)(2.1)Operating (loss) income(13.4)196.2172.2Interest expense(7.2)(7.3)(11.2)Interest expense(7.2)(7.3)(11.2)Closs) income from continuing operations before income taxes17(435.1)189.8165.7Income tax expense(1.3)(71.6)(61.9)(40.4)(Loss) income from continuing operations.(506.7)127.9125.3Discontinued operations:(506.7)127.9125.3Ucass) income from discontinued operations, net of income tax benefit (expense) of nil, sol, 20.5 and 2004, respectively14	Cost of goods sold		(937.7)	(784.0)	(623.0)
Research and development expenses       (28.7)       (21.6)       (22.6)         SCI and other related expenses       12       (17.4)       (28.1)       —         Impairment of roofing plant       6       (13.4)       —       —         Arbots provision       12       (71.5)       —       —       —         Arbots provision       12       (71.5)       —       —       —         Other operating expense       (0.8)       (6.0)       (2.1)       (2.2)       (1.2)         Interest expense       (7.2)       (7.3)       (7.3)       (1.12)       (1.12)       (1.13) $3.5$ (Loss) income from continuing operations before income taxes       17       (435.1)       189.8       165.7         Income tax expense       (1.3)       (71.6)       (61.9)       (40.4)         (Loss) income from continuing operations, net of income tax benefit (expense) of nil,       (506.7)       127.9       125.3         Discontinued operations, net of income tax benefit of ni, nil	Gross profit		550.8	426.4	358.9
Research and development expenses       (28.7)       (21.6)       (22.6)         SCI and other related expenses       12       (17.4)       (28.1)       —         Impairment of roofing plant       6       (13.4)       —       —         Arbots provision       12       (71.5)       —       —       —         Arbots provision       12       (71.5)       —       —       —         Other operating expense       (0.8)       (6.0)       (2.1)       (2.2)       (1.2)         Interest expense       (7.2)       (7.3)       (7.3)       (1.12)       (1.12)       (1.13) $3.5$ (Loss) income from continuing operations before income taxes       17       (435.1)       189.8       165.7         Income tax expense       (1.3)       (71.6)       (61.9)       (40.4)         (Loss) income from continuing operations, net of income tax benefit (expense) of nil,       (506.7)       127.9       125.3         Discontinued operations, net of income tax benefit of ni, nil	Selling, general and administrative expenses		(209.8)	(174.5)	(162.0)
Impairment of roofing plant       6       (13.4)           Asbestos provision       12       (715.6)           Asbestos provision       (0.8)       (6.0)       (2.1)         Ober operating expense       (73.2)       (7.3)       (11.2)         Interest expense       (7.2)       (7.3)       (11.2)         Interest expense       7.0       2.2       1.2         Other (expense) income        (1.3)       3.5         (Loss) income from continuing operations before income taxes       17       (435.1)       189.8       165.7         Income tax expense       13       (71.6)       (61.9)       (40.4)         (Loss) income from discontinued operations, net of income tax benefit (expense) of nil,       50.2 million of 20.06, 20.005 and 20.04, respectively       14        (0.3)       0.2         (Loss) income from discontinued operations, net of income tax benefit of nil, nil         (1.0)       4.3         ad 54.8 million of 20.06, 20.05 and 20.04, respectively       14        (0.7)       4.1         (Loss) income from discontinued operations        -       (1.0)       4.3         Net (loss) income       S       (10.0)       \$	Research and development expenses		(28.7)	(21.6)	(22.6)
Asbestos provision $\frac{1}{2}$ (715.6)           Other operating (loss) income       (6.3)       (6.0)       (2.1)         Operating (loss) income       (72.2)       (7.3)       (11.2)         Interest expense       (7.2)       (7.3)       (11.2)         Interest income        (1.3)       3.5         (Loss) income from continuing operations before income taxes       17       (435.1)       189.8       165.7         Income tax expense       13       (71.6)       (61.9)       (40.4)         (Loss) income from continuing operations, net of income tax benefit (expense) of nil,       50.2       127.2       125.3         Discontinued operations:        (0.3)       0.2       0.2       125.3         (Loss) income from discontinued operations, net of income tax benefit (expense) of nil,       50.2       14        (0.3)       0.2         (Loss) income from discontinued operations        (1.0)       4.3        (1.0)       4.3         Net (loss) income from discontinued operations        (1.0)       4.3        0.01       4.3         Net (loss) income from discontinued operations         0.01        0.01	SCI and other related expenses	12	(17.4)	(28.1)	
Other operating expense $(0.8)$ $(6.0)$ $(2.1)$ Operating (loss) income $(7.2)$ $(7.3)$ $(11.2)$ Interest expense $(7.2)$ $(7.3)$ $(11.2)$ Interest expense $7.0$ $2.2$ $1.2$ Other (expense) income	Impairment of roofing plant	6	(13.4)	_	
Operating (loss) income         (434.9)         196.2         172.2           Interest expense         (7.2)         (7.3)         (11.2)           Interest income         7.0         2.2         1.2           Other (expense) income         -         (1.3)         3.5           (Loss) income from continuing operations before income taxes         17         (435.1)         189.8         165.7           Income tax expense         13         (71.6)         (61.9)         (40.4)           (Loss) income from continuing operations         (506.7)         127.9         125.3           Discontinued operations:         (1.0)         (506.7)         127.9         125.3           Ucoss) income from discontinued operations, net of income tax benefit (expense) of nil, \$0.2 million and (\$0.1) million for 2006, 2005 and 2004, respectively         14         -         (0.3)         0.2           (Loss) income from discontinued operations         1         -         (1.0)         4.3           Net (loss) income         S         (506.7)         \$         126.9         \$         129.6           (Loss) income per share — basic:         -         -         -         0.01         4.3           Net (loss) income per share — basic         \$         (1.10)         \$	Asbestos provision	12	(715.6)	—	
Interest expense(7.2)(7.3)(11.2)Interest income7.02.21.2Interest income-(1.3)3.5Other (expense) income-(1.3)3.5(Loss) income from continuing operations before income taxes17(435.1)189.8165.7Income tax expense13(71.6)(61.9)(40.4)(Loss) income from continuing operations, net of income tax benefit (expense) of nil, \$0.2 million and (\$0.1) million for 2006, 2005 and 2004, respectively14-(0.3)0.2(Loss) income from discontinued operations, net of income tax benefit of nil, nil and \$4.8 million for 2006, 2005 and 2004, respectively14-(0.3)0.2(Loss) income from discontinued operations, net of income tax benefit of nil, nil and \$4.8 million for 2006, 2005 and 2004, respectively14-(0.3)0.2(Loss) income from discontinued operations-(1.0)4.3Net (loss) income per share — basic:-(1.0)4.3(Loss) income per share — basic0.01Net (loss) income per share — basicS(1.10)\$0.28\$(Loss) income per share — diluted:0.01Net (loss) income per share — diluted:0.01Net (loss) income per share — diluted0.01Net (loss) income per share — diluted0.01Net (loss) income per share — diluted0.01Net (loss) income per share — diluted	Other operating expense		(0.8)	(6.0)	(2.1)
Interest income7.02.21.2Other (expense) income	Operating (loss) income		(434.9)	196.2	172.2
Other (expense) income	Interest expense		(7.2)	(7.3)	(11.2)
(Loss) income from continuing operations before income taxes17(435.1)189.8165.7Income tax expense13(71.6)(61.9)(40.4)(Loss) income from continuing operations13(71.6)(61.9)(40.4)(Loss) income from discontinued operations.(10.5)127.9125.3Discontinued operations:(Loss) income from discontinued operations, net of income tax benefit (expense) of nil, \$0.2 million and (\$0.1) million for 2006, 2005 and 2004, respectively14(0.3)0.2(Loss) income from discontinued operations, net of income tax benefit of nil, nil and \$4.8 million for 2006, 2005 and 2004, respectively14(0.7)4.1(Loss) income from discontinued operations $=$ (1.0)4.3Net (loss) income from discontinued operations $=$ (1.0) $=$ 2(Loss) income per share — basic: $=$ $=$ 0.01Net (loss) income per share — basic $=$ $=$ 0.01Net (loss) income per share — basic $=$ $=$ 0.01Net (loss) income per share — diluted: $=$ $=$ 0.28(Loss) income from continuing operations $=$ $=$ 0.01Net (loss) income per share — diluted: $=$ $=$ 0.01Net (loss) income from discontinued operations $=$ $=$ (Loss) income from discontinued operations $=$ $=$ 0.01Net (loss) income per share — diluted: $=$ $=$ $=$ (Loss) income from discontinued operations $=$ $=$ $=$ </td <td>Interest income</td> <td></td> <td>7.0</td> <td></td> <td></td>	Interest income		7.0		
Income tax expense13(71.6)(61.9)(40.4)(Loss) income from continuing operations(506.7)127.9125.3Discontinued operations:(Loss) income from discontinued operations, net of income tax benefit (expense) of nil, \$0.2 million and (\$0.1) million for 2006, 2005 and 2004, respectively14-(0.3)0.2(Loss) income from discontinued operations, net of income tax benefit of nil, nil and \$4.8 million for 2006, 2005 and 2004, respectively14-(0.7)4.1(Loss) income from discontinued operations-(1.0)4.3Net (loss) income\$ (506.7)\$ 126.9\$ 129.6(Loss) income from discontinued operations0.01Net (loss) income\$ (1.10)\$ 0.28\$ 0.27Income from continuing operations0.01Net (loss) income per share — basic:0.01Net (loss) income per share — basic\$ (1.10)\$ 0.28\$ 0.27Income from continuing operations0.01Net (loss) income per share — basic\$ (1.10)\$ 0.28\$ 0.27Income from continuing operations0.01Net (loss) income per share — diluted:0.01Net (loss) income per share — diluted0.01Net (loss) income per share — diluted0.01Net (loss) income per share — diluted0.01Net (loss) income per share — diluted<	Other (expense) income			(1.3)	3.5
(Loss) income from continuing operations $(506.7)$ $127.9$ $125.3$ Discontinued operations: (Loss) income from discontinued operations, net of income tax benefit (expense) of nil, \$0.2 million and (\$0.1) million for 2006, 2005 and 2004, respectively14-(0.3)0.2(Loss) gain on disposal of discontinued operations, net of income tax benefit of nil, nil and \$4.8 million for 2006, 2005 and 2004, respectively14-(0.7)4.1(Loss) income from discontinued operations14-(0.7)4.1(Loss) income from discontinued operations5(1.10)4.3Net (loss) income\$(1.0)\$0.28\$(Loss) income from discontinued operations0.01Income from discontinued operations\$(1.10)\$0.28\$0.27(Loss) income per share — basic:0.01\$0.28\$0.27(Loss) income per share — basic\$(1.10)\$0.28\$0.28\$0.28(Loss) income per share — basic\$(1.10)\$0.28\$0.28\$0.28(Loss) income per share — diluted:0.01\$0.28\$0.27Income from discontinued operations0.01\$0.28\$0.28Net (loss) income per share — diluted\$0.01\$0.28\$0.28Weighted average common shares outstanding (Millions):2 <td>(Loss) income from continuing operations before income taxes</td> <td>17</td> <td>(435.1)</td> <td>189.8</td> <td>165.7</td>	(Loss) income from continuing operations before income taxes	17	(435.1)	189.8	165.7
Discontinued operations: (Loss) income from discontinued operations, net of income tax benefit (expense) of nil, S0.2 million and (\$0.1) million for 2006, 2005 and 2004, respectively 14 — (0.3) 0.2 (Loss) gain on disposal of discontinued operations, net of income tax benefit of nil, nil and \$4.8 million for 2006, 2005 and 2004, respectively 14 — (0.7) 4.1 (Loss) income from discontinued operations $-$ (1.0) 4.3 Net (loss) income from discontinued operations $-$ (1.0) 4.3 Net (loss) income $\frac{5 (506.7)}{5 126.9} \frac{5 122.9}{5 129.6}$ (Loss) income per share — basic: (Loss) income from continuing operations $ -$ 0.01 Net (loss) income per share — basic $\frac{5 (1.10)}{5 0.28} \frac{5 0.28}{5 0.28} \frac{5 0.28}{5 0.28}$ (Loss) income per share — basic $\frac{5 (1.10)}{5 0.28} \frac{5 0.28}{5 0.28} \frac{5 0.28}{5 0.28}$ (Loss) income per share — diluted: (Loss) income from continuing operations $\frac{-}{-} - \frac{-}{-} 0.01$ Net (loss) income from continuing operations $\frac{-}{-} - \frac{-}{-} 0.01$ Net (loss) income per share — diluted: (Loss) income per share — diluted $\frac{5 (1.10)}{5 0.28} \frac{5 0.28}{5 0.28} \frac{5 0.28}{5 0.28}$ Weighted average common shares outstanding (Millions): Basic $2 461.7 458.9 458.1$	Income tax expense	13	(71.6)	(61.9)	(40.4)
(Loss) income from discontinued operations, net of income tax benefit (expense) of nil, \$0.2 million and (\$0.1) million for 2006, 2005 and 2004, respectively14 $ (0.3)$ $0.2$ (Loss) gain on disposal of discontinued operations, net of income tax benefit of nil, nil and \$4.8 million for 2006, 2005 and 2004, respectively14 $ (0.7)$ $4.1$ (Loss) income from discontinued operations14 $ (0.7)$ $4.1$ (Loss) income from discontinued operations $\frac{14}{50.7}$ $\frac{14}{50.7}$ $\frac{14}{50.7}$ $\frac{14}{50.7}$ Net (loss) income from discontinued operations $\frac{14}{50.7}$ $\frac{14}{50.7}$ $\frac{14}{50.7}$ $\frac{14}{50.7}$ $\frac{14}{50.7}$ (Loss) income per share — basic: (Loss) income from continuing operations $\frac{14}{50.7}$ $\frac{14}{50.7$	(Loss) income from continuing operations		(506.7)	127.9	125.3
\$0.2 million and (\$0.1) million for 2006, 2005 and 2004, respectively14—(0.3)0.2(Loss) gain on disposal of discontinued operations, net of income tax benefit of nil, nil and \$4.8 million for 2006, 2005 and 2004, respectively14—(0.7)4.1(Loss) income from discontinued operations $-$ (1.0)4.3Net (loss) income $$$ (506.7)$ $$$ 126.9$ $$$ 129.6$ (Loss) income per share — basic: $ -$ 0.01(Loss) income from discontinued operations $$$ (1.10)$ $$$ 0.28$ $$$ 0.27$ Income from discontinued operations $$$ (1.10)$ $$$ 0.28$ $$$ 0.27$ Income from discontinued operations $$$ (1.10)$ $$$ 0.28$ $$$ 0.28$ (Loss) income per share — basic $$$ (1.10)$ $$$ 0.28$ $$$ 0.28$ (Loss) income per share — basic $$$ (1.10)$ $$$ 0.28$ $$$ 0.28$ (Loss) income per share — basic $$$ (1.10)$ $$$ 0.28$ $$$ 0.28$ (Loss) income per share — diluted: $$$ (1.10)$ $$$ 0.28$ $$$ 0.27$ (Loss) income per share — diluted: $$$ (1.10)$ $$$ 0.28$ $$$ 0.28$ (Loss) income per share — diluted: $$$ (1.10)$ $$$ 0.28$ $$$ 0.27$ Income from discontinued operations $$$ (1.10)$ $$$ 0.28$ $$$ 0.27$ Income from discontinued operations $$$ (1.10)$ $$$ 0.28$ $$$ 0.27$ Income from discontinued operations $$$ (1.10)$ $$$ 0.28$ $$$ 0.28$ Weighted average common shares outstanding (Millions): $$$ 2< 461.7$ $$458.9$	Discontinued operations:				
and \$4.8 million for 2006, 2005 and 2004, respectively14— $(0.7)$ $4.1$ (Loss) income from discontinued operations $(1.0)$ $4.3$ Net (loss) income $$ (506.7)$ $$ 126.9$ $$ 129.6$ (Loss) income per share — basic: $(1.10)$ $$ 0.28$ $$ 0.27$ Income from continuing operations $$ (1.10)$ $$ 0.28$ $$ 0.27$ Income from discontinued operations $$ (1.10)$ $$ 0.28$ $$ 0.27$ Net (loss) income per share — basic $$ (1.10)$ $$ 0.28$ $$ 0.28$ (Loss) income per share — basic $$ (1.10)$ $$ 0.28$ $$ 0.28$ (Loss) income per share — diluted: $$ (1.10)$ $$ 0.28$ $$ 0.28$ (Loss) income per share — diluted: $$ (1.10)$ $$ 0.28$ $$ 0.28$ (Loss) income per share — diluted $$ (1.10)$ $$ 0.28$ $$ 0.28$ Weighted average common shares outstanding (Millions): $$ 2$ $$ 461.7$ $$ 458.9$ $$ 458.1$		14	_	(0.3)	0.2
Net (loss) income\$ (506.7)\$ 126.9\$ 129.6(Loss) income per share — basic: (Loss) income from continuing operations\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations $$ $$ 0.01Net (loss) income per share — basic\$ (1.10)\$ 0.28\$ 0.28(Loss) income per share — basic\$ (1.10)\$ 0.28\$ 0.28(Loss) income per share — diluted: (Loss) income per share — diluted: Net (loss) income per share — diluted\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations\$ (1.10)\$ 0.28\$ 0.27Income from continuing operations\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations $$ $$ 0.01Net (loss) income per share — diluted\$ 0.28\$ 0.28Weighted average common shares outstanding (Millions): Basic2461.7458.9458.1		14	_	(0.7)	4.1
Net (loss) income\$ (506.7)\$ 126.9\$ 129.6(Loss) income per share — basic: (Loss) income from continuing operations\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations $$ $$ 0.01Net (loss) income per share — basic\$ (1.10)\$ 0.28\$ 0.28(Loss) income per share — basic\$ (1.10)\$ 0.28\$ 0.28(Loss) income per share — diluted: (Loss) income per share — diluted: Net (loss) income per share — diluted\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations\$ (1.10)\$ 0.28\$ 0.27Income from continuing operations\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations $$ $$ 0.01Net (loss) income per share — diluted\$ 0.28\$ 0.28Weighted average common shares outstanding (Millions): Basic2461.7458.9458.1	(Loss) income from discontinued operations			(1.0)	4.3
(Loss) income from continuing operations\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations $  0.01$ Net (loss) income per share — basic\$ (1.10)\$ 0.28\$ 0.28(Loss) income per share — diluted: (Loss) income from continuing operations\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations $  -$ Net (loss) income per share — diluted $  0.01$ Net (loss) income per share — diluted $  0.01$ Weighted average common shares outstanding (Millions): Basic2461.7458.9458.1			<u>\$ (506.7)</u>		
(Loss) income from continuing operations\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations $  0.01$ Net (loss) income per share — basic\$ (1.10)\$ 0.28\$ 0.28(Loss) income per share — diluted: (Loss) income from continuing operations\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations\$ (1.10)\$ 0.28\$ 0.27Income from discontinued operations $  -$ Net (loss) income per share — diluted $  0.01$ Net (loss) income per share — diluted $  0.01$ Weighted average common shares outstanding (Millions): Basic2461.7458.9458.1	(I) in h h				
Income from discontinued operations			¢ (1.10)	\$ 0.28	\$ 0.27
Net (loss) income per share — basic       \$ 0.28       \$ 0.28         (Loss) income per share — diluted:       (Loss) income from continuing operations       \$ (1.10)       \$ 0.28       \$ 0.27         Income from discontinued operations         0.01         Net (loss) income per share — diluted        0.01         State       \$ (1.10)       \$ 0.28       \$ 0.28         Weighted average common shares outstanding (Millions):         0.01         Basic       2       461.7       458.9       458.1			\$ (1.10)	\$ 0.28	
(Loss) income per share — diluted:         (Loss) income from continuing operations         Income from discontinued operations         Net (loss) income per share — diluted         S       (1.10)         S       (1.10)         Net (loss) income per share — diluted         S       (1.10)         S       (1.10)         S       (1.10)         S       (1.10)         S       0.28	I				
(Loss) income from continuing operations       \$ (1.10)       \$ 0.28       \$ 0.27         Income from discontinued operations	Net (loss) income per share — basic		<u>\$ (1.10)</u>	\$ 0.28	\$ 0.28
Income from discontinued operations	(Loss) income per share — diluted:				
Net (loss) income per share — diluted     \$ 0.28     \$ 0.28       Weighted average common shares outstanding (Millions):     2     461.7     458.9     458.1			\$ (1.10)	\$ 0.28	\$ 0.27
Weighted average common shares outstanding (Millions): Basic 2 461.7 458.9 458.1	Income from discontinued operations				0.01
Basic 2 461.7 458.9 458.1	Net (loss) income per share — diluted		<u>\$ (1.10)</u>	\$ 0.28	\$ 0.28
Basic 2 461.7 458.9 458.1	Weighted average common shares outstanding (Millions):				
Dilutad 2 4617 4610 4614		2	461.7	458.9	458.1
Difuted 2 401.7 401.0 401.4	Diluted	2	461.7	461.0	461.4

The accompanying notes are an integral part of these consolidated financial statements.

### James Hardie Industries N.V. and Subsidiaries Consolidated Statements of Operations

(A\$ Unaudited)		Years ended 31 March	
(Millions of Australian dollars, except per share data)	2006	2005	2004
Net sales	A\$ 1,977.5	A\$ 1,636.3	A\$ 1,415.8
Cost of goods sold	(1,245.7)	(1,059.9)	(898.3)
Gross profit	731.8	576.4	517.5
Selling, general and administrative expenses	(278.7)	(235.9)	(233.6)
Research and development expenses	(38.1)	(29.2)	(32.6)
SCI and other related expenses	(23.1)	(38.0)	_
Impairment of roofing plant	(17.8)	—	—
Asbestos provision	(1,000.0)	—	_
Other operating expense	(1.1)	(8.1)	(3.0)
Operating (loss) income	(627.0)	265.2	248.3
Interest expense	(9.6)	(9.9)	(16.1)
Interest income	9.3	3.0	1.7
Other (expense) income		(1.8)	5.0
(Loss) income from continuing operations before income taxes	(627.3)	256.5	238.9
Income tax expense	(95.1)	(83.7)	(58.3)
(Loss) income from continuing operations	(722.4)	172.8	180.6
<ul> <li>Discontinued operations:</li> <li>(Loss) income from discontinued operations, net of income tax benefit (expense) of nil, A\$0.3 million and (A\$0.1) million for 2006, 2005 and 2004, respectively</li> <li>(Loss) gain on disposal of discontinued operations, net of income tax benefit of nil, nil and A\$6.9 million for 2006, 2005 and 2004, respectively</li> </ul>	_	(0.4)	0.3 5.9
(Loss) income from discontinued operations		(1.3)	6.2
Net (loss) income	A\$ (722.4)	A\$ 171.5	A\$ 186.8
Net (1055) medine	<u>A\$ (122.7</u> )	Αφ 1/1.5	A\$ 100.0
(Loss) income per share — basic:			
(Loss) income from continuing operations	A\$ (1.56)	A\$ 0.38	A\$ 0.39
Income from discontinued operations			0.01
Net (loss) income per share — basic	<u>A\$ (1.56)</u>	<u>A\$ 0.38</u>	<u>A\$ 0.40</u>
(Loss) income per share — diluted:		1.0.27	
(Loss) income from continuing operations	A\$ (1.56)	A\$ 0.37	A\$ 0.39
Income from discontinued operations			0.01
Net (loss) income per share — diluted	<u>A\$ (1.56)</u>	<u>A\$ 0.37</u>	<u>A\$ 0.40</u>
Weighted average common shares outstanding (Millions):			
Basic	461.7	458.9	458.1
Diluted	461.7	461.0	461.4

The accompanying notes are an integral part of these consolidated financial statements.

# James Hardie Industries N.V. and Subsidiaries Consolidated Statements of Cash Flows

		Years ended 31 March	
(Millions of US dollars)	2006	2005	2004
Cash Flows From Operating Activities			
Net (loss) income	\$ (506.7)	\$ 126.9	\$ 129.6
Adjustments to reconcile net (loss) income to net cash provided by operating activities:			
Loss (gain) on sale of land and buildings	—	0.7	(4.2
Loss (gain) on disposal of subsidiaries and businesses		2.1	(1.9
Depreciation and amortisation	45.3	36.3	36.4
Deferred income taxes	4.3	11.1	14.6
Prepaid pension cost	2.9	7.6	1.8
Tax benefit from stock options exercised	2.2	0.4	0.4
Stock compensation	5.9	3.0	3.3
Asbestos provision	715.6		
Impairment of roofing plant	13.4	_	
Other	1.7	—	0.7
Changes in operating assets and liabilities:			(24.6
Accounts and notes receivable	(24.0)	(3.7)	(24.8
Inventories	(26.6)	4.3	(24.9
Prepaid expenses and other current assets	(24.8)	32.6	2.1
Accounts payable and accrued liabilities	24.4	15.0	1.3
Other accrued liabilities and other liabilities	7.0	(16.5)	28.2
Net cash provided by operating activities	240.6	219.8	162.6
Cash Flows From Investing Activities			
Purchases of property, plant and equipment	(162.0)	(153.2)	(74.8
Proceeds from sale of property, plant and equipment	—	3.4	10.9
Proceeds from disposal of subsidiaries and businesses, net of cash divested	8.0		5.0
Net cash used in investing activities	(154.0)	(149.8)	(58.9
Cash Flows From Financing Activities			
Net proceeds from line of credit		0.5	0.5
	181.0	0.5	0.5
Proceeds from borrowings		(17.6)	
Repayments of borrowings Proceeds from issuance of shares	(37.6) 18.7	(17.6) 2.6	3.2
	18.7	2.0	(68.7
Repayments of capital Dividends paid	(45.9)	(13.7)	(
Collections on loans receivable	(43.9)	0.6	(22.9
Net cash provided by (used in) financing activities	116.5	(27.6)	(87.0
Effects of exchange rate changes on cash	(1.5)	(1.2)	0.5
Net increase in cash and cash equivalents	201.6	41.2	17.2
Cash and cash equivalents at beginning of period	113.5	72.3	55.1
Cash and cash equivalents at end of period	<u>\$ 315.1</u>	<u>\$ 113.5</u>	\$ 72.3
Components of Cash and Cash Equivalents		;	
Cash at bank and on hand	\$ 24.9	\$ 28.6	\$ 24.6
Short-term deposits	290.2	84.9	47.7
Cash and cash equivalents at end of period	\$ 315.1	\$ 113.5	\$ 72.3
1 1 1	φ <u>513.1</u>	φ 115.5	φ 12.5
Supplemental Disclosure of Cash Flow Activities		. · ·	
Cash paid during the period for interest, net of amounts capitalised	\$ 3.5	\$ 10.7	\$ 11.7
Cash paid (refunded) during the period for income taxes, net	\$ 93.4	\$ 15.7	\$ (6.5

The accompanying notes are an integral part of these consolidated financial statements.

### James Hardie Industries N.V. and Subsidiaries Consolidated Statements of Cash Flows

(A\$ Unaudited)		Years ended 31 March		
(Millions of Australian dollars)	2006	2005	2004	
Cash Flows From Operating Activities				
Net (loss) income	A\$ (722.4)	A\$ 171.5	186.8	
Adjustments to reconcile net (loss) income to net cash provided by operating activities:				
Loss (gain) on sale of land and buildings	_	0.9	(6.1)	
Loss (gain) on disposal of subsidiaries and businesses	_	2.8	(2.7)	
Depreciation and amortisation	60.2	49.1	52.5	
Deferred income taxes	5.7	15.0	21.1	
Prepaid pension cost	3.9	10.3	2.6	
Tax benefit from stock options exercised	2.9	0.5	0.6	
Stock compensation	7.8	4.1	4.8	
Asbestos provision	1,000.0	—		
Impairment of roofing plant	17.8	—	_	
Other	2.3	—	1.0	
Changes in operating assets and liabilities:				
Accounts and notes receivable	(31.9)	(5.0)	(35.8)	
Inventories	(35.3)	5.8	(35.9)	
Prepaid expenses and other current assets	(32.9)	44.1	3.1	
Accounts payable and accrued liabilities	32.4	20.3	1.9	
Other accrued liabilities and other liabilities	9.3	(22.3)	40.7	
Net cash provided by operating activities	319.8	297.1	234.6	
Cash Flows From Investing Activities				
Purchases of property, plant and equipment	(215.2)	(207.1)	(107.9)	
Proceeds from sale of property, plant and equipment	_	4.6	15.7	
Proceeds from disposal of subsidiaries and businesses, net of cash divested	10.6		7.2	
Net cash used in investing activities	(204.6)	(202.5)	(85.0)	
Cash Flows From Financing Activities				
Net proceeds from line of credit	_	0.7	0.7	
Proceeds from borrowings	240.5	_	_	
Repayments of borrowings	(50.0)	(23.8)		
Proceeds from issuance of shares	24.8	3.5	4.6	
Repayments of capital	—	_	(99.1)	
Dividends paid	(61.0)	(18.5)	(33.0)	
Collections on loans receivable	0.3	0.8	1.3	
Net cash provided by (used in) financing activities	154.6	(37.3)	(125.5)	
Effects of exchange rate changes on cash	23.7	(5.5)	(20.2)	
Net increase in cash and cash equivalents	293.5	51.8	3.9	
Cash and cash equivalents at beginning of period	146.9	95.1	91.2	
Cash and cash equivalents at end of period	<u>A\$ 440.4</u>	<u>A</u> \$ 146.9	A\$ 95.1	
Components of Cash and Cash Equivalents				
Cash at bank and on hand	A\$ 34.8	A\$ 37.0	A\$ 32.4	
Short-term deposits	405.6	111.7	62.7	
Cash and cash equivalents at end of period	A\$ 440.4	A\$ 146.9	A\$ 95.1	
Supplemental Disclosure of Cash Flow Activities				
Cash paid during the period for interest, net of amounts capitalised	A\$ 4.9	A\$ 14.5	A\$ 16.9	
Cash paid (refunded) during the period for income taxes, net	A\$ 130.5	A\$ 21.1	A\$ (9.4)	

The accompanying notes are an integral part of these consolidated financial statements.
# James Hardie Industries N.V. and Subsidiaries Consolidated Statements of Changes in Shareholders' Equity

(Millions of US dollars)	Common Stock	Additional Paid-in Capital	Retained Earnings (Accumulated Deficit)	Employee Loans	Accumulated Other Comprehensive Income (Loss)	Total
Balances as of 31 March 2003	\$ 269.7	\$ 171.3	\$ 44.4	\$ (1.7)	\$ (49.0)	\$ 434.7
Comprehensive income:						
Net income	_		129.6	_	_	129.6
Other comprehensive income (loss):						
Amortisation of unrealised transition loss						
on derivative instruments	—		—	—	1.1	1.1
Foreign currency translation gain	_	_	_	_	16.0	16.0
Unrealised loss on available-for-sale						
securities	—		—	—	(0.1)	(0.1)
Additional minimum pension liability						
adjustment					7.7	7.7
Other comprehensive income				_	24.7	24.7
Total comprehensive income						154.3
Dividends paid	_	_	(22.9)	_	_	(22.9)
Conversion of common stock from Euro 0.64			()			(22.5)
par value to Euro 0.73 par value	48.4	(48.4)	_	_	_	_
Conversion of common stock from Euro 0.73 par value to Euro 0.5995 par value and subsequent return of capital	(68.7)	_	_	_	_	(68.7)
Conversion of common stock from Euro						
0.5995 par value to Euro 0.59 par value	(5.0)	5.0	—	—	—	
Stock compensation	—	3.3	—	—	—	3.3
Tax benefit from stock options exercised	_	0.4	_	_	_	0.4
Employee loans repaid	—	—	—	0.4	—	0.4
Stock options exercised	0.8	2.4				3.2
Balances as of 31 March 2004	<u>\$ 245.2</u>	<u>\$ 134.0</u>	<u>\$ 151.1</u>	<u>\$ (1.3)</u>	<u>\$ (24.3)</u>	<u>\$ 504.7</u>
Comprehensive income:						
Net income	_		126.9	_	_	126.9
Other comprehensive income (loss):						
Amortisation of unrealised transition loss on derivative instruments	_	_		_	1.1	1.1
Foreign currency translation loss	_	_	_	_	(0.9)	(0.9)
Other comprehensive income					0.2	0.2
Total comprehensive income					0.2	127.1
Dividends paid		_	(13.7)			(13.7)
Stock compensation	_	3.0	(15.7)	_	_	3.0
Tax benefit from stock options exercised		0.4				0.4
Employee loans repaid		0.4		0.6	_	0.4
Stock options exercised	0.6	2.0		0.0	_	2.6
Balances as of 31 March 2005		\$ 139.4	\$ 264.3		\$ (24.1)	\$ 624.7
Datances as 01 31 March 2005	<u>\$ 245.8</u>	\$ 139.4	<u>\$ 264.3</u>	<u>\$ (0.7</u> )	<u>\$ (24.1)</u>	\$ 024.7

The accompanying notes are an integral part of these consolidated financial statements.

# James Hardie Industries N.V. and Subsidiaries Consolidated Statements of Changes in Shareholders' Equity

(Millions of US dollars)	Common Stock	Additional Paid-in Capital	Retained Earnings (Accumulated Deficit)	Employee Loans	Accumulated Other Comprehensive Income (Loss)	Total
Balances as of 31 March 2005	\$ 245.8	\$ 139.4	\$ 264.3	\$ (0.7)	\$ (24.1)	\$ 624.7
Comprehensive loss:						
Net loss	—		(506.7)	—	—	(506.7)
Other comprehensive income (loss):						
Amortisation of unrealised transition						
loss on derivative instruments	—		—	—	0.5	0.5
Foreign currency translation loss					(4.8)	(4.8)
Other comprehensive loss	—	_	—	—	(4.3)	(4.3)
Total comprehensive loss						(511.0)
Dividends paid	—		(45.9)	—	—	(45.9)
Stock compensation	_	5.9	—	_	—	5.9
Tax benefit from stock options exercised	—	2.2	—	—	—	2.2
Employee loans repaid	_		—	0.3	—	0.3
Stock options exercised	7.4	11.3				18.7
Balances as of 31 March 2006	<u>\$ 253.2</u>	<u>\$ 158.8</u>	<u>\$ (288.3)</u>	(0.4)	<u>\$ (28.4)</u>	<u>\$ 94.9</u>

The accompanying notes are an integral part of these consolidated financial statements.

## 1. Background and Basis of Presentation

### **Nature of Operations**

The Company manufactures and sells fibre cement building products for interior and exterior building construction applications primarily in the United States, Australia, New Zealand, Philippines and Europe.

#### Background

On 2 July 1998, ABN 60 000 009 263 Pty Ltd, formerly James Hardie Industries Limited ("JHIL"), then a public company organised under the laws of Australia and listed on the Australian Stock Exchange, announced a plan of reorganisation and capital restructuring (the "1998 Reorganisation"). James Hardie N.V. ("JHNV") was incorporated in August 1998, as an intermediary holding company, with all of its common stock owned by indirect subsidiaries of JHIL. On 16 October 1998, JHIL's shareholders approved the 1998 Reorganisation. Effective as of 1 November 1998, JHIL contributed its fibre cement businesses, its US gypsum wallboard businesses, its Australian and New Zealand building systems businesses and its Australian windows business (collectively, the "Transferred Businesses") to JHNV and its subsidiaries. In connection with the 1998 Reorganisation, JHIL and its non-transferring subsidiaries retained certain unrelated assets and liabilities.

On 24 July 2001, JHIL announced a further plan of reorganisation and capital restructuring (the "2001 Reorganisation"). Completion of the 2001 Reorganisation occurred on 19 October 2001. In connection with the 2001 Reorganisation, James Hardie Industries N.V. ("JHI NV"), formerly RCI Netherlands Holdings B.V., issued common shares represented by CHESS Units of Foreign Securities ("CUFS") on a one for one basis to existing JHIL shareholders in exchange for their shares in JHIL such that JHI NV became the new ultimate holding company for JHIL and JHNV.

Following the 2001 Reorganisation, JHI NV controls the same assets and liabilities as JHIL controlled immediately prior to the 2001 Reorganisation.

## **Basis of Presentation**

The consolidated financial statements represent the financial position, results of operations and cash flows of JHI NV and its current wholly owned subsidiaries, collectively referred to as either the "Company" or "James Hardie" and JHI NV together with its subsidiaries as of the time relevant to the applicable reference, the "James Hardie Group," unless the context indicates otherwise.

The assets, liabilities, income statement and cash flows of the Company have been presented with accompanying Australian dollar (A\$) convenience translations as the majority of the Company's shareholder base is Australian. These A\$ convenience translations are not prepared in accordance with accounting principles generally accepted in the United States of America. The exchange rates used to calculate the convenience translations are as follows:

	31 March			
(US\$1 = A\$)	2006	2005	2004	
Assets and liabilities	1.3975	1.2946	1.3156	
Income statement	1.3285	1.3519	1.4419	
Cash flows — beginning cash	1.2946	1.3156	1.6559	
Cash flows — ending cash	1.3975	1.2946	1.3156	
Cash flows — current period movements	1.3285	1.3519	1.4419	

The Asbestos provision on the A\$ unaudited consolidated statements of operations and A\$ unaudited consolidated statements of cash flows is translated using the assets and liabilities rate at 31 March 2006.

## 2. Summary of Significant Accounting Policies

## **Accounting Principles**

The consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America ("US GAAP"). The US dollar is used as the reporting currency. All subsidiaries are consolidated and all significant intercompany transactions and balances are eliminated.

#### Use of Estimates

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions. These estimates and assumptions affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from these estimates.

### Reclassifications

Certain prior year balances have been reclassified to conform with the current year presentation.

## Foreign Currency Translation

All assets and liabilities are translated into US dollars at current exchange rates while revenues and expenses are translated at average exchange rates in effect for the period. The effects of foreign currency translation adjustments are included directly in other comprehensive income in shareholders' equity. Gains and losses arising from foreign currency transactions are recognised in income currently.

## **Cash and Cash Equivalents**

Cash and cash equivalents include amounts on deposit in banks and cash invested temporarily in various highly liquid financial instruments with original maturities of three months or less when acquired.

#### Inventories

Inventories are valued at the lower of cost or market. Cost is generally determined under the first-in, first-out method, except that the cost of raw materials and supplies is determined using actual or average costs. Cost includes the costs of materials, labour and applied factory overhead.

#### **Property, Plant and Equipment**

Property, plant and equipment are stated at cost. Property, plant and equipment of businesses acquired are recorded at their estimated cost based on fair value at the date of acquisition. Depreciation of property, plant and equipment is computed using the straight-line method over the following estimated useful lives:

	Years
Buildings	40
Building improvements	5 to 10
Manufacturing machinery	20
General equipment	5 to 10
Computer equipment	3 to 4
Office furniture and equipment	3 to 10

The costs of additions and improvements are capitalised, while maintenance and repair costs are expensed as incurred. Interest is capitalised in connection with the construction of major facilities. Capitalised interest is recorded as part of the asset to which it relates and is amortised over the asset's estimated useful life. Retirements, sales and disposals of assets are recorded by removing

the cost and accumulated depreciation amounts with any resulting gain or loss reflected in the consolidated statements of income.

#### Impairment of Long-Lived Assets

In accordance with Statement of Financial Accounting standards ("SFAS") No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets," longlived assets, such as property, plant and equipment, and purchased intangibles subject to amortization, are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to estimated undiscounted future cash flows expected to be generated by the asset. If the carrying amount of the asset exceeds its estimated future cash flows, an impairment charge is recognised by the amount by which the carrying amount of the asset exceeds the fair value of the assets.

### Environmental

Environmental remediation expenditures that relate to current operations are expensed or capitalised as appropriate. Expenditures that relate to an existing condition caused by past operations, and which do not contribute to current or future revenue generation, are expensed. Liabilities are recorded when environmental assessments and/or remedial efforts are probable and the costs can be reasonably estimated. Estimated liabilities are not discounted to present value. Generally, the timing of these accruals coincides with completion of a feasibility study or the Company's commitment to a formal plan of action.

### **Mineral Acquisition Costs**

The Company records acquired proven and probable silica mineral ore reserves at their fair value at the date of acquisition. Depletion expense is recorded based on the estimated rate per ton multiplied by the number of tons extracted during the period. The rate per ton may be periodically revised by management based on changes in the estimated tons available to be extracted which, in turn, is based on third party studies of proven and probable reserves.

SFAS No. 143, "Accounting for Asset Retirement Obligations," requires the recording of a liability for an asset retirement obligation in the period in which the liability is incurred. The initial measurement is based upon the present value of estimated third party costs and a related long-lived asset retirement cost capitalised as part of the asset's carrying value and allocated to expense over the asset's useful life. Accordingly, the Company accrues for reclamation costs associated with mining activities, which are accrued during production and are included in determining the cost of production.

## **Revenue Recognition**

The Company recognises revenue when the risks and obligations of ownership have been transferred to the customer, which generally occurs at the time of delivery to the customer. The Company records estimated reductions to sales for customer rebates and discounts including volume, promotional, cash and other discounts. Rebates and discounts are recorded based on management's best estimate when products are sold. The estimates are based on historical experience for similar programs and products. Management reviews these rebates and discounts on an ongoing basis and the related accruals are adjusted, if necessary, as additional information becomes available.

## **Cost of Goods Sold**

Cost of goods sold is primarily comprised of cost of materials, labour and manufacturing. Cost of goods sold also includes the cost of inbound freight charges, purchasing and receiving costs, inspection costs, warehousing costs, internal transfer costs and shipping and handling costs.

## **Shipping and Handling**

Shipping and handling costs are charged to cost of goods sold as incurred. Recovery of these costs is incorporated in the Company's sales price per unit and is therefore classified as part of net sales.

## Selling, General and Administrative

Selling, general and administrative expenses primarily include costs related to advertising, marketing, selling, information technology and other general corporate functions. Selling, general and administrative expenses also include certain transportation and logistics expenses associated with the Company's distribution network. Transportation and logistic costs were US\$2.5 million, US\$1.2 million and US\$1.3 million for the years ended 31 March 2006, 2005 and 2004, respectively.

## Advertising

The Company expenses the production costs of advertising the first time the advertising takes place. Advertising expense was US\$19.1 million, US\$15.7 million and US\$15.2 million during the years ended 31 March 2006, 2005 and 2004, respectively.

## **Accrued Product Warranties**

An accrual for estimated future warranty costs is recorded based on an analysis by the Company, including the historical relationship of warranty costs to sales.

## **Income Taxes**

The Company accounts for income taxes under, the asset and liability method. Under this method, deferred income taxes are recognised by applying enacted statutory rates applicable to future years to differences between the tax bases and financial reporting amounts of existing assets and liabilities. The effect on deferred taxes of a change in tax rates is recognised in income in the period that includes the enactment date. A valuation allowance is provided when it is more likely than not that all or some portion of deferred tax assets will not be realised.

## **Financial Instruments**

To meet the reporting requirements of SFAS No. 107, "Disclosures About Fair Value of Financial Instruments," the Company calculates the fair value of financial instruments and includes this additional information in the notes to the consolidated financial statements when the fair value is different than the carrying value of those financial instruments. When the fair value reasonably approximates the carrying value, no additional disclosure is made. The estimated fair value amounts have been determined by the Company using available market information and appropriate valuation methodologies. However, considerable judgment is required in interpreting market data to develop the estimates of fair value. Accordingly, the estimates presented herein are not necessarily indicative of the amounts that the Company could realise in a current market exchange. The use of different market assumptions and/or estimation methodologies may have a material effect on the estimated fair value amounts.

Periodically, interest rate swaps, commodity swaps and forward exchange contracts are used to manage market risks and reduce exposure resulting from fluctuations in interest rates, commodity prices and foreign currency exchange rates. Where such contracts are designated as, and are effective as, a hedge, gains and losses arising on such contracts are accounted for in accordance with SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities," as amended. Specifically, changes in the fair value of derivative instruments designated as cash flow hedges are deferred and recorded in other comprehensive income. These deferred gains or losses are recognised in income when the transactions being hedged are completed. The ineffective portion of these hedges is recognised in income currently. Changes in the fair value of derivative instruments designated as fair value hedges are recognised in income, as are changes in the fair value of the hedged item. Changes in the fair value of derivative instruments that are not designated as hedges for accounting purposes are recognised in income. The Company does not use derivatives for trading purposes.

## **Stock-Based Compensation**

The Company reflects stock-based compensation expense under a fair value based accounting method for all options granted, modified or settled according with SFAS No. 123, "Accounting for Stock based Compensation" and SFAS No. 148, "Accounting for Stock based Compensation—Transition and Disclosure".

## **Employee Benefit Plans**

The Company sponsors both defined benefit and defined contribution retirement plans for its employees. Employer contributions to the defined contribution plans are recognised as periodic pension expense in the period that the employees' salaries or wages are earned. The defined benefit plan covers all eligible employees and takes into consideration the following components to calculate net periodic pension expense: (a) service cost; (b) interest cost; (c) expected return on plan assets; (d) amortisation of unrecognised prior service cost; (e) recognition of net actuarial gains or losses; and (f) amortisation of any unrecognised net transition asset. If the amount of the Company's total contribution to its pension plan for the period is not equal to the amount of net periodic pension cost, the Company recognises the difference either as a prepaid or accrued pension cost.

## Dividends

Dividends are recorded as a liability on the date that the Board of Directors formally declares the dividend.

#### **Earnings Per Share**

The Company is required to disclose basic and diluted earnings per share ("EPS"). Basic EPS is calculated using income divided by the weighted average number of common shares outstanding during the period. Diluted EPS is similar to basic EPS except that the weighted average number of common shares outstanding is increased to include the number of additional common shares calculated using the treasury method that would have been outstanding if the dilutive potential common shares, such as options, had been issued. Accordingly, basic and dilutive common shares outstanding used in determining net income per share are as follows:

	Y	ears Ended 31 March	
(Millions of shares)	2006	2005	2004
Basic common shares outstanding	461.7	458.9	458.1
Dilutive effect of stock options		2.1	3.3
Diluted common shares outstanding	461.7	461.0	461.4
(Continuing operations — US dollar)	2006	2005	2004
Net (loss) income per share — basic	(\$1.10)	\$ 0.28	\$ 0.28
Net (loss) income per share — diluted	(\$1.10)	\$ 0.28	\$ 0.28

Potential common shares of 6.6 million, 8.2 million and 2.0 million for the years ended 31 March 2006, 2005 and 2004, respectively, have been excluded from the calculation of diluted common shares outstanding because the effect of their inclusion would be anti-dilutive. Due to the net loss for the year ended 31 March 2006, the assumed net exercise of stock options was excluded, as the effect would have been anti-dilutive.

## Accumulated Other Comprehensive Income (Loss)

Accumulated other comprehensive income (loss) includes foreign currency translation and derivative instruments and is presented as a separate component of shareholders' equity.

## **Recent Accounting Pronouncements**

## **Inventory Costs**

In November 2004, the Financial Accounting Standard Board ("FASB") issued SFAS No. 151, "Inventory Costs — an amendment of Accounting Research Bulletin ("ARB") No. 43, Chapter 4." SFAS No. 151 requires abnormal amounts of inventory costs related to idle facility, freight handling and wasted material expenses to be recognised as current period charges. Additionally, SFAS No. 151 requires that allocation of fixed production overheads to the costs of conversion be based on the normal capacity of the production facilities. SFAS No. 151 is effective for fiscal years beginning after 15 June 2005. The adoption of this standard did not have a material impact on the Company's consolidated financial statements.

## American Jobs Creation Act

In October 2004, the President of the United States signed into law the American Jobs Creation Act (the "Act"). The Act allows for a US federal income tax deduction for a percentage of income earned from certain US production activities. Based on the effective date of the Act, the Company was eligible for this deduction in the first quarter of fiscal year 2006. Additionally, in December 2004, the FASB issued FASB Staff Position ("FSP") 109-1, "Application of FASB Statement No. 109, Accounting for Income Taxes ("SFAS No. 109"), to the Tax Deduction on Qualified Production Activities Provided by the American Jobs Creation Act of 2004." FSP 109-1, which was effective upon issuance, states the deduction under this provision of the Act should be accounted for as a special deduction in accordance with SFAS No. 109. The adoption of this standard did not have a material impact on the Company's consolidated financial statements.

The Act also allows for an 85% dividends received deduction on the repatriation of certain earnings of foreign subsidiaries. In December 2004, the FASB issued FSP 109-2, "Accounting and Disclosure Guidance for the Foreign Earnings Repatriation Provision within the American Jobs Creation Act of 2004." FSP 109-2, which was effective upon issuance, allows companies time beyond the financial reporting period of enactment to evaluate the effect of the Act on its plan for reinvestment or repatriation of foreign earnings for purposes of applying SFAS No. 109. Additionally, FSP 109-2 provides guidance regarding the required disclosures surrounding a company's reinvestment or repatriation of foreign earnings. The adoption of this standard did not have a material effect on the Company's consolidated financial statements.

## Exchanges of Non-Monetary Assets

In December 2004, the FASB issued SFAS No. 153, "Exchange of Non-Monetary Assets — An Amendment of ARB Opinion No. 29," which requires nonmonetary asset exchanges to be accounted for at fair value. The Company is required to adopt the provisions of SFAS No. 153 for non-monetary exchanges occurring in fiscal periods beginning after 15 June 2005. The adoption of this standard did not have a material impact on the Company's consolidated financial statements.

## Share-Based Payment

In December 2004, the FASB issued SFAS No. 123 (revised 2004), "Share-Based Payment" ("SFAS No. 123R"). SFAS No. 123R replaces SFAS No. 123 and supersedes APB Opinion No. 25, "Accounting for Stock Issued to Employees." Generally, SFAS No. 123R is similar in approach to SFAS No. 123 and requires that compensation cost relating to share-based payments be recognised in the financial statements based on the fair value of the equity or liability instruments issued. SFAS No. 123R is effective as of the beginning of the first interim or annual reporting period that begins after 15 June 2005. In April 2005, the United States Securities and Exchange Commission delayed the effective date of SFAS No. 123R until fiscal years beginning after 15 June 2005. The Company adopted SFAS No. 123 in fiscal year 2003 and does not expect the adoption of SFAS No. 123R, which will occur in the first quarter of fiscal year 2007 to have a material effect on the Company's consolidated financial statements.



## **Conditional Asset Retirement Obligations**

In March 2005, the FASB issued Financial Interpretation No. ("FIN 47"), "Accounting for Conditional Asset Retirement Obligations." FIN 47 clarifies the term "conditional asset retirement obligation" used in SFAS No. 143, "Accounting for Asset Retirement Obligations." FIN 47 is effective no later than the end of the fiscal year ending after 15 December 2005. The adoption of this standard did not have a material impact on the Company's consolidated financial statements.

## Accounting Changes and Error Corrections

In May 2005, the FASB issued SFAS No. 154, "Accounting Changes and Error Corrections — a replacement of APB Opinion No. 20 and FASB Statement No. 3." SFAS No. 154 requires retrospective application to prior periods' financial statements of a voluntary change in accounting principle unless it is impracticable. APB Opinion No. 20, "Accounting Changes," previously required that most voluntary changes in accounting principle be recognised by including in net income of the period of the change the cumulative effect of changing to the new accounting principle. This statement is effective for accounting changes and corrections of errors made in fiscal years beginning after 15 December 2005. The adoption of this standard will not have a material impact on its consolidated financial statements.

## **Uncertain Tax Positions**

In July 2005, the FASB issued an exposure draft of a proposed interpretation "Accounting for Uncertain Tax Positions." The proposed interpretation clarifies the accounting for uncertain tax positions in accordance with SFAS No. 109. The proposed interpretation requires that a tax position meet a "probable recognition threshold" for the benefit of the uncertain tax position to be recognised in the financial statements. A tax position that fails to meet the probable recognition threshold will result in either reduction of current or deferred tax asset or receivable, or recording a current or deferred tax liability. The proposed interpretation also provides guidance on measurement, derecognition of tax benefits, classification, interim reporting disclosure and transition requirements in accounting for uncertain tax positions. The exposure draft has not yet been finalized. If and when finalized, the Company will determine the impact, if any, on its consolidated financial statements.

## 3. Cash and Cash Equivalents

Cash and cash equivalents include amounts on deposit in banks and cash invested temporarily in various highly liquid financial instruments with original maturities of three months or less.

Cash and cash equivalents consist of the following components:

	31	March
(Millions of US dollars)	2006	2005
Cash at bank and on hand	\$ 24.9	\$ 28.6
Short-term deposits	290.2	84.9
Total cash and cash equivalents	\$ 315.1	\$ 113.5

Short-term deposits are placed at floating interest rates varying between 4.6% to 4.85% and 2.70% to 2.76% as of 31 March 2006 and 2005, respectively. Included in Cash at Bank and on hand is US\$5.0 million of restricted cash as of 31 March 2006.

## 4. Accounts and Notes Receivable

Accounts and notes receivable consist of the following components:

	31 N	/larch
(Millions of US dollars)	2006	2005
Trade receivables	\$ 146.5	\$ 121.6
Other receivables and advances	8.0	7.1
Allowance for doubtful accounts	(1.3)	(1.5)
Total accounts and notes receivable	<u>\$ 153.2</u>	\$ 127.2

The collectibility of accounts receivable, consisting mainly of trade receivables, is reviewed on an ongoing basis and an allowance for doubtful accounts is provided for known and estimated bad debts. The following are changes in the allowance for doubtful accounts:

	3	1 March
(Millions of US dollars)	2006	2005
Balance at 1 April	\$ 1.5	\$ 1.2
Charged to expense	0.3	0.4
Costs and deductions	(0.5)	(0.1)
Balance at 31 March	<u>\$ 1.3</u>	\$ 1.5

## 5. Inventories

Inventories consist of the following components:

	31	March
(Millions of US dollars)	2006	2005
Finished goods	\$ 84.1	\$ 71.1
Work-in-process	9.2	8.5
Raw materials and supplies	33.0	22.4
Provision for obsolete finished goods and raw materials	(2.3)	(2.1)
Total inventories	<u>\$ 124.0</u>	\$ 99.9

## 6. Property, Plant and Equipment

Property, plant and equipment consist of the following components:

(Millions of US dollars)	Land	Buildings	Machinery and Equipment	Construction in Progress	Total
Balance at 1 April 2004:					
Cost	\$ 11.3	\$ 135.0	\$ 562.8	\$ 63.0	\$ 772.1
Accumulated depreciation		- (21.0)	(184.0)		(205.0)
Net book value	11.3	114.0	378.8	63.0	567.1
Changes in net book value:					
Capital expenditures	0.2	2 3.2	32.5	117.1	153.0
Retirements and sales			_	(4.1)	(4.1)
Depreciation		- (4.5)	(31.8)		(36.3)
Other movements			3.4		3.4
Foreign currency translation adjustments			2.6		2.6
Total changes	0.2	2 (1.3)	6.7	113.0	118.6
Balance at 31 March 2005:					
Cost	11.5	131.1	606.6	176.6	925.8
Accumulated depreciation		(24.4)	(215.7)		(240.1)
Net book value	\$ 11.5	\$ 106.7	\$ 390.9	\$ 176.6	\$ 685.7

	Land	Buildings	Machinery and Equipment	Construction in Progress	Total
Balance at 1 April 2005:					
Cost	\$ 11.5	\$ 131.1	\$ 606.6	\$ 176.6	\$ 925.8
Accumulated depreciation		(24.4)	(215.7)		(240.1)
Net book value	11.5	106.7	390.9	176.6	685.7
Changes in net book value:					
Capital expenditures	4.1	16.4	90.8	51.5	162.8
Retirements and sales	_	_	(8.9)		(8.9)
Depreciation	_	(7.3)	(38.0)	_	(45.3)
Impairment	—	—	(13.4)	_	(13.4)
Other movements	_	—	(0.9)	_	(0.9)
Foreign currency translation adjustments			(4.4)		(4.4)
Total changes	4.1	9.1	25.2	51.5	89.9
Balance at 31 March 2006:					
Cost	15.6	147.5	669.8	228.1	1,061.0
Accumulated depreciation		(31.7)	(253.7)		(285.4)
Net book value	\$ 15.6	\$ 115.8	\$ 416.1	\$ 228.1	\$ 775.6

Construction in progress consists of plant expansions and upgrades.

Interest related to the construction of major facilities is capitalised and included in the cost of the asset to which it relates. Interest capitalised was US\$5.7 million, US\$5.9 million and US\$1.6 million for the years ended 31 March 2006, 2005 and 2004, respectively. Depreciation expense for continuing operations was US\$45.3 million, US\$36.3 million and US\$35.9 million for the years ended 31 March 2006, 2005 and 2004, respectively. The impairment charge for the pilot roofing plant was US\$13.4 million for the year ended 31 March 2006.

#### 7. **Retirement Plans**

The Company sponsors a US retirement plan, the James Hardie Retirement and Profit Sharing Plan, for its employees in the United States and a retirement plan, the James Hardie Australia Superannuation Plan, for its employees in Australia. The US retirement plan is a tax-qualified defined contribution retirement and savings plan covering all US employees subject to certain eligibility requirements and matches employee contributions (subject to limitations) dollar for dollar up to 6% of their salary or base compensation. The James Hardie Australia Superannuation Plan has two types of participants. Participants who joined the plan prior to 1 July 2003 have rights and benefits that are accounted for as a defined benefit plan in the Company's consolidated financial statements while participants who joined the plan subsequent to 1 July 2003 have rights and benefits that are accounted for as a defined contribution plan in the Company's consolidated financial statements. The James Hardie Australia Superannuation Plan is funded based on statutory requirements in Australia. The Company's expense for its defined contribution plans totaled US\$2.6 million, US\$5.2 million and US\$3.8 million for the years ended 31 March 2006, 2005 and 2004, respectively. Details of the defined benefit component of the James Hardie Australia Superannuation Plan ("Defined Benefit Plan") are as follows.

The investment strategy/policy of the Defined Benefit Plan is set by the Trustee (Mercer) for each investment option. The strategy includes the selection of a long-term mix of investments (asset classes) that supports the option's aims.

The aims of the Mercer Growth option, in which the Defined Benefit Plan assets are invested, are:

- to achieve a rate of return (net of tax and investment expenses) that exceeds inflation (CPI) increases by at least 3% per annum over a moving five year period:
- to achieve a rate of return (net of tax and investment expenses) above the median result for the Mercer Pooled Fund Survey over a rolling three year period; and
- over shorter periods, outperform the notional return of the benchmark mix of investments.

The assets are invested by appointing professional investment managers and/or from time to time investing in a range of investment vehicles offered by professional investment managers.

Investment managers may utilise derivatives in managing investment portfolios for the Trustee. However, the Trustee does not undertake day-to-day management of derivative instruments. Derivatives may be used, among other things, to manage risk (e.g., for currency hedging). Losses from derivatives can occur (e.g., due to stock market movements). The Trustee seeks to manage risk by placing limits on the extent of derivative use in any relevant Investment Management Agreements between the Trustee and investment managers. The Trustee also considers the risks and the controls set out in the managers' Risk Management Statements. The targeted ranges of asset allocations are:

Equity securities	40-75%
Debt securities	15-60%
Real estate	0-20%

The following are the actual asset allocations by asset category for the Defined Benefit Plan:

		ars Ended I March
	2006	2005
	<u> </u>	%
Equity securities	48.8	36.6
Fixed interest	15.1	12.7
Real estate	5.7	4.7
Cash	30.4	46.0
Total	100.0	100.0

The following are the components of net periodic pension cost for the Defined Benefit Plan:

		Years End	led 31 March		
(Millions of US dollars)	 2006	2	2005	-	2004
Service cost	\$ 1.9	\$	2.5	\$	2.9
Interest cost	2.3		2.5		2.9
Expected return on plan assets	(2.6)		(3.2)		(3.6)
Amortisation of unrecognised transition asset	_		—		(0.9)
Amortisation of prior service costs	_		0.1		0.1
Recognised net actuarial loss	 0.4		0.4		0.4
Net periodic pension cost	2.0		2.3		1.8
Settlement loss	 0.9		5.3		
Net pension cost	\$ 2.9	\$	7.6	\$	1.8

The settlement losses in fiscal year 2006 and 2005 relate to lump sum payments made to terminated participants of the Defined Benefit Plan and are included in other operating expense in the consolidated statements of operations.

The following are the assumptions used in developing the net periodic cost and projected benefit obligation as of 31 March for the Defined Benefit Plan:

	2006	2005	2004
	%	%	%
Net Periodic Benefit Cost Assumptions:			
Discount rate	6.5	6.5	6.8
Rate of increase in compensation	4.0	4.0	3.5
Expected return on plan assets	6.5	6.5	6.8
Projected Benefit Obligation Assumptions:			
Discount rate	6.0	6.5	6.5
Rate of increase in compensation	4.0	4.0	4.0

The discount rate methodology is based on the yield on 10-year high quality investment securities in Australia adjusted to reflect the rates at which pension benefits could be effectively settled. The change in the discount rate used on the projected benefit obligation from 2005 to 2006 is a direct

## James Hardie Industries N.V. and Subsidiaries Notes to Consolidated Financial Statements

result of the change in yields of high quality investment securities over the same periods, adjusted to rates at which pension benefits could be effectively settled. The increase in the rate of increase in compensation under the projected benefit obligation assumption from 2004 to 2005 reflects an increase in the expected margin of compensation increases over price inflation. The decrease in the expected return on plan assets from 2004 to 2005 was a result of lower expected after-tax rates of return. The expected return on plan assets assumption is determined by weighting the expected long-term return for each asset class by the target/actual allocation of assets to each class. The returns used for each class are net of investment tax and investment fees. Net unrecognised gains and losses are amortised over the average remaining service period of active employees. A market related value of assets is used to determine pension costs with the difference between actual and expected investment return each year recognised over five years.

The following are the actuarial changes in the benefit obligation, changes in plan assets and the funded status of the Defined Benefit Plan:

	Years E 31 Ma	
(Millions of US dollars)	2006	2005
Changes in benefit obligation:		
Benefit obligation at 1 April	\$ 37.6	\$ 40.7
Service cost	1.9	2.5
Interest cost	2.3	2.5
Plan participants' contributions	0.6	0.9
Actuarial loss	2.7	2.0
Benefits paid	(6.7)	(11.4)
Foreign currency translation	(2.8)	0.4
Benefit obligation at 31 March	\$ 35.6	\$ 37.6
Changes in plan assets:		
Fair value of plan assets at 1 April	\$ 37.7	\$ 41.2
Actual return on plan assets	6.6	4.7
Employer contributions	1.2	1.8
Participant contributions	0.6	0.9
Benefits paid	(6.7)	(11.4)
Foreign currency translation	(2.9)	0.5
Fair value of plan assets at 31 March	<u>\$ 36.5</u>	\$ 37.7
Funded status	\$ 0.9	\$ 0.1
Unrecognised actuarial loss	5.2	8.3
Other assets	<u>\$ 6.1</u>	\$ 8.4
The following table provides further details of the Defined Benefit Plan:		
	Years E 31 Ma	
(Millions of US dollars)	2006	2005
	2000	2005

		37.6
Accumulated benefit obligation	35.6	37.6
Fair market value of plan assets	36.5	37.7



The Defined Benefit Plan measurement date is 31 March 2006. The Company expects to make contributions to the Defined Benefit Plan of approximately US\$1.1 million during fiscal year 2007.

The following are the expected Defined Benefit Plan benefits to be paid in each of the following ten fiscal years:

(Millions of US dollars)	ars Ended 1 March
2007	\$ 3.2
2008	2.1
2009	2.2
2010	2.6
2011	2.6
2012 - 2016	13.0
Estimated future benefit payments	\$ 25.7

## 8. Accounts Payable and Accrued Liabilities

Accounts payable and accrued liabilities consist of the following components:

		ars Ended 1 March
(Millions of US dollars)	2006	2005
Trade creditors	\$ 66.0	\$ 65.3
Other creditors and accruals	51.8	28.7
Total accounts payable and accrued liabilities	\$ 117.8	\$ 94.0

## 9. Short and Long-Term Debt

Long-term debt consists of the following components:

		Years Ended 31 March		
(Millions of US dollars)	2	006		2005
US\$ noncollateralised notes — current portion	\$	121.7	\$	25.7
US\$ noncollateralised notes — long-term portion				121.7
Total debt at 7.11% average rate		121.7		147.4

The US\$ non-collateralised notes form part of a seven tranche private placement facility which provides for maximum borrowings of US\$165.0 million. Principal repayments are due in seven installments that commenced on 5 November 2004 and end on 5 November 2013. The tranches bear fixed interest rates of 6.86%, 6.92%, 6.99%, 7.05%, 7.12%, 7.24% and 7.42%. Interest is payable 5 May and 5 November each year. The first tranche of US\$17.6 million was repaid in November 2004.

As a result of the recording of the asbestos provision at 31 March 2006, and the Supervisory Board's approval of this on 12 May 2006, the Company would not have been in compliance with certain of the restrictive covenants in respect of the US\$ notes. However, under the terms of the non-collateralised notes agreement, prepayment of these notes is permitted and on 28 April 2006, the Company issued a notice to all note holders to prepay in full all outstanding notes on 8 May 2006. On that date the US\$ non-collateralised notes were prepaid in full, incurring a make-whole payment of US\$6.0 million.

The Company's credit facilities currently consist of a 364-day term facilities in the amount of US\$110.0 million, which mature in December 2006 and term facilities in the amount of US\$245.0 million, which mature in June 2006. For both facilities, interest is calculated at the commencement of each draw-down period based on the US\$ London Interbank Offered Rate ("LIBOR") plus the margins of individual lenders, and is payable at the end of each draw-down period. During the year ended 31 March 2006, the Company paid US\$0.7 million in commitment fees. At 31 March 2006, there was US\$181.0 million drawn under the combined facilities and US\$174.0 million was available.

The company has requested that its lenders extend the maturity date of the 364-day term facilities from December 2006 to June 2007 and the maturity date of the other term facilities to December 2006. Upon satisfaction of the conditions precedent to the full implementation of the FFA, including lender approval, the maturity date of the other term facilities will be automatically extended until June 2010. As a result of recording the asbestos provision at 31 March 2006, and the Supervisory Board's approval of this on 12 May 2006, the company would not have been in compliance with certain of the restrictive covenants in respect of the US\$ notes. However, under the terms of the uncollateralised notes agreement, prepayment of these notes is permitted, and on 28 April 2006 the company issued a notice to all noteholders to prepay in full all outstanding notes on 8 May 2006. On that date, the US\$ notes were prepaid in full, incurring a make-whole payment of US\$6.0 million.

In the fourth quarter, US\$181.0 million was drawn down on the loan facilities in anticipation of the prepayment of the US\$ notes. The company is intending to replace the notes with additional funding facilities.

The company anticipates being able to meet its payment obligations from:

- existing cash and unutilised committed facilities;
- net operating cash flow during the current year;
- an extension of the term of existing credit facilities; and
- the addition of proposed new funding facilities.

However, If the conditions precedent to the full implementation of the FFA are not satisfied, the company may not be able to renew its credit facilities on substantially similar terms, or at all; may have to pay additional fees and expenses that it might not have to pay under normal circumstances; and it may have to agree to terms that could increase the cost of its debt structure. Additionally, in order to appeal the amended Australian income tax assessment referred to above, pursuant to the ATO Receivables Policy, the company is required to post a cash deposit in an amount which could be as large as the amount of the entire assessment. Even if the company is ultimately successful in its appeal and the cash deposit is refunded, this procedural requirement to post a cash deposit could

materially and adversely affect the company's financial position and liquidity. If the company is unable to extend its credit facilities, or is unable to renew its credit facilities on terms that are substantially similar to the ones it presently has, it may experience liquidity issues and will have to reduce its levels of planned capital expenditures and/or take other measures to conserve cash in order to meet its future cash flow requirements.

At 31 March 2006, management believes that the Company was in compliance with all restrictive covenants contained in the non-collateralised notes, revolving loan facility and the stand-by credit facility agreements. Under the most restrictive of these covenants, the Company is required to maintain certain ratios of debt to equity and net worth and levels of earnings before interest and taxes and has limits on how much it can spend on an annual basis in relation to asbestos payments to either Amaca Pty Ltd (formerly James Hardie & Coy Pty Ltd) ("Amaca"), Amaba Pty Ltd (formerly Jsekarb Pty Ltd) ("Amaba") or ABN 60 Pty Ltd ("ABN 60").

## 10. Non-Current Other Liabilities

Non-current other liabilities consist of the following components:

		Years Ended 31 March	
(Millions of US dollars)		2006	2005
Employee entitlements	S	17.0	\$ 5.3
Product liability		0.7	4.7
Other		27.3	51.7
Total non-current other liabilities	S S	45.0	\$ 61.7

## 11. Product Warranties

The Company offers various warranties on its products, including a 50-year limited warranty on certain of its fibre cement siding products in the United States. A typical warranty program requires that the Company replace defective products within a specified time period from the date of sale. The Company records an estimate for future warranty related costs based on an analysis of actual historical warranty costs as they relate to sales. Based on this analysis and other factors, the adequacy of the Company's warranty provisions are adjusted as necessary. While the Company's warranty costs have historically been within its calculated estimates, it is possible that future warranty costs could exceed those estimates.

Additionally, the Company includes in its accrual for product warranties amounts for a Class Action Settlement Agreement (the "Settlement Agreement") related to its previous roofing product, which is no longer manufactured in the United States. On 14 February 2002, the Company signed the Settlement Agreement for all product, warranty and property related liability claims associated with its previously manufactured roofing products. These products were removed from the marketplace between 1995 and 1998 in areas where there had been any alleged problems. The total amount included in the product warranty provision relating to the Settlement Agreement is US\$5.7 million and US\$5.8 million as of 31 March 2006 and 2005, respectively.

The following are the changes in the product warranty provision:

		ars Ended 1 March
(Millions of US dollars)	2006	2005
Balance at beginning of period	\$ 12.9	\$ 12.0
Accruals for product warranties	6.2	4.3
Settlements made in cash or in kind	(3.4)	(3.4)
Foreign currency translation adjustments	(0.2)	
Balance at end of period	<u>\$ 15.5</u>	\$ 12.9

The "Accruals for product warranties" line item above includes an additional accrual of US\$0.8 million for the year ended 31 March 2006 related to the Settlement Agreement. This increase reflects the results of the Company's most recent estimate of its total exposure. The "Settlements made in cash or in kind" line item above includes settlements related to the Settlement Agreement of US\$0.7 million and US\$0.9 million for the years ended 31 March 2006 and 2005, respectively.

## 12. Commitments and Contingencies

## Commitment to provide funding on a long-term basis in respect of Asbestos-Related liabilities of former subsidiaries

On 1 December 2005, the Company announced that it, the NSW Government and a wholly owned Australian subsidiary of the Company (LGTDD Pty Ltd, described below as the "Performing Subsidiary") had entered into a conditional agreement (the "Final Funding Agreement") to provide long-term funding to a special purpose fund ("SPF") that will provide compensation for Australian asbestos-related personal injury claims against certain former James Hardie companies (being Amaca Pty Ltd ("Amaca"), Amaba Pty Ltd ("Amaba") and ABN 60 Pty Ltd ("ABN 60")) (the "Former James Hardie Companies").

Key events occurring since 2001 that led to the signing of the Final Funding Agreement ("FFA") are summarised further below.

The FFA remains subject to a number of conditions precedent, including the receipt of an independent expert's report confirming that the funding proposal is in the best interests of the Company and its enterprise as a whole, approval of the Company's shareholders and lenders, and confirmation satisfactory to the Company's Board of Directors, acting reasonably, that the contributions to be made by JHI NV and the Performing Subsidiary under the FFA will be tax deductible and the SPF will be exempt from Australian federal income tax on its income.

In summary, the FFA provides for the following key steps to occur if the conditions precedent to that agreement are satisfied or waived in writing by the parties:

- the establishment of the SPF to provide compensation to Australian asbestos-related personal injury claimants with proven claims against the Former James Hardie Companies;
- initial funding of approximately A\$154 million provided by the Performing Subsidiary to the SPF, calculated on the basis of an actuarial report prepared by KPMG Actuaries Pty Ltd ("KPMG Actuaries") as of 31 March 2006. That report provided an estimate of the discounted net present value of all present and future Australian asbestos-related personal injury claims against the Former James Hardie Companies of A\$1.52 billion (US\$1.14 billion). The

undiscounted/uninflated value of the estimate of those liabilities was approximately A\$1.75 billion (US\$1.31 billion);

- a two-year rolling cash buffer in the SPF and, subject to the cap described below, an annual contribution in advance to top up those funds to equal the
  actuarially calculated estimate of expected Australian asbestos-related personal injury claims against the Former James Hardie Companies for the following
  three years, to be revised annually;
- a cap on the annual payments made by the Performing Subsidiary to the SPF, initially set at 35% of the Company's free cash flow (defined as cash from
  operations in accordance with US GAAP in force at the date of the FFA) for the immediately preceding financial year, with provisions for the percentage to
  decline over time depending upon the Company's financial performance (and therefore the contributions already made to the SPF) and the claims outlook;
- an initial term of approximately 40 years, at which time the parties may either agree upon a final payment to be made by the Company in satisfaction of any further funding obligations, or have the term automatically extended for further periods of 10 years until such agreement is reached or the relevant asbestos-related liabilities cease to arise;
- the entry by the parties and/or others into agreements to or connected with the FFAs (the "Related Agreements");
- no cap on individual payments to asbestos claimants;
- the Performing Subsidiary's payment obligations are guaranteed by the James Hardie Industries N.V.;
- the SPF's claims to the funding payments required under the FFA will be subordinated to the claims of the Company's lenders; and
- the compensation arrangements will extend to members of the Baryulgil community for asbestos-related claims arising from the activities of a former subsidiary of ABN 60 (as described below).

In addition to entering into the FFA, one or more of the Company, the Performing Subsidiary, the SPF and the NSW Government have entered into a number of ancillary agreements to or connected with the FFAs (the "Related Agreements"), including a trust deed for the establishment of the SPF, a deed of guarantee under which James Hardie Industries N.V. provides the guarantee described above, intercreditor deeds to achieve the subordination arrangements described above and deeds of release in connection with the releases from civil liability described below.

The Company considers that the principal outstanding conditions to be fulfilled before the FFA becomes effective are those relating to the taxation treatment in Australia of payments made by the Performing Subsidiary to the SPF, the tax exempt status of the SPF, and approval of the FFA by the Company's shareholders. The Company is in discussions relating to the taxation issues described above with the Australian Federal Commissioner of Taxation and is seeking confirmation in a form binding on the Commissioner that those conditions have been satisfied including in relation to the impact of legislation which took effect on 6 April 2006 and which is described further below.

In relation to the approval of the FFA by the Company's shareholders, the Company has undertaken significant work towards preparing the necessary documentation to be sent to shareholders, but at present is unable to specify a date for holding the relevant meeting. The Company considers that it can only properly put the proposal to shareholders once the tax issues described above have been resolved, since as further described below, such issues materially affect the affordability of the proposal which shareholders will be asked to approve.

The recording of the asbestos provision is in accordance with US accounting standards because it is probable that the company will make payments to fund asbestosrelated claims on a long-term basis.



If the conditions precedent to the FFA, such as the tax deductibility of payments, are not met, the Company may seek to enter into an alternative arrangement under which it would make payments for the benefit of asbestos claimants. The amount of the asbestos provision of US\$715.6 million (A\$1.0 billion) at 31 March 2006 is based on the Company's best estimate of the probable outcome. This estimate reflects the terms of the FFA, which includes an actuarial estimate prepared by KPMG Actuaries Pty Ltd (KPMG Actuaries) as of 31 March 2006 of the projected cash outflows, undiscounted and uninflated, of US\$1.0 billion (A\$1.4 billion), as well as an assumed benefit of tax deductions arising from Australian legislation which came into force on 6 April 2006.

Even if conditions to our funding obligations under the FFA, including the achievement of tax deductibility, are not fulfilled, the Company has determined that it is nevertheless likely that it will make payments in respect of certain claimants who were injured by asbestos products manufactured by certain former Australian subsidiary companies. The Board of James Hardie has made it clear that, in a manner consistent with its obligations to shareholders and other stakeholders in the company, it intends to proceed with fair and equitable actions to compensate the injured parties. Any such alternative settlement may be subject to conditions precedent and would require lender and shareholder approval. However, if James Hardie proceeds with an alternative settlement without the assurance of tax deductibility, it is likely, as a function of economic reality, that the company will have less funds to support payments in respect of asbestos claims. While the company continues to hope that the conditions precedent to the FFA will be fulfilled, it has determined that its intention to continue to proceed responsibly in either event makes it appropriate for the Company to record the asbestos provision in the amounts set forth in the financial statements.

## Key events since 2001 leading to the signing of the FFA

## Separation of Amaca Pty Ltd and Amaba Pty Ltd and ABN 60

In February 2001, ABN 60, formerly known as James Hardie Industries Limited ("JHIL"), established the Medical Research and Compensation Foundation (the "Foundation") by gifting A\$3.0 million (US\$1.7 million) in cash and transferring ownership of Amaca and Amaba to the Foundation. The Foundation is a special purpose charitable foundation established to fund medical and scientific research into asbestos-related diseases. Amaca and Amaba were Australian companies which had manufactured and marketed asbestos-related products prior to 1987.

The Foundation is managed by independent trustees and operates entirely independently of the Company and its current subsidiaries. The Company does not control (directly or indirectly) the activities of the Foundation in any way and, effective from 16 February 2001, has not owned or controlled (directly or indirectly) the activities of Amaca or Amaba. In particular, the trustees of the Foundation are responsible for the effective management of claims against Amaca and Amaba, and for the investment of Amaca's and Amaba's assets. Other than the offers to provide interim funding to the Foundation and the indemnity to the directors of ABN 60 as described below, the Company has no direct legally binding commitment to or interest in the Foundation, Amaca or Amaba, and it has no right to dividends or capital distributions made by the Foundation. None of the Foundation, Amaca, Amaba or ABN 60 are parties to the FFA described above, and none of those entities has obtained any directly enforceable rights under that agreement or the related agreements contemplated under that agreement.

On 31 March 2003, the Company transferred control of ABN 60 to a newly established company named ABN 60 Foundation Pty Ltd ("ABN 60 Foundation"). ABN 60 Foundation was established to be the sole shareholder of ABN 60 and to ensure that ABN 60 met the payment obligations owed to the Foundation under the terms of a deed of covenant and indemnity described below. Following the establishment of the ABN 60 Foundation, the Company no longer owned any shares in ABN 60. ABN 60 Foundation is managed by independent directors and operates entirely independently of the Company. Since that date, the Company has not and currently does not control the activities of ABN 60 or ABN 60 Foundation in any way, it has no economic interest in ABN 60 or ABN 60 Foundation, and it has no right to dividends or capital distributions made by the ABN 60 Foundation.



## James Hardie Industries N.V. and Subsidiaries Notes to Consolidated Financial Statements

Under the FFA and under legislation associated with that agreement described below, it is contemplated that following the establishment of the SPF and as part of the satisfaction of the conditions precedent to the FFA, the Company will, subject to limited exceptions, be entitled to appoint a majority of directors on the board of directors of the SPF, which will in turn be empowered under that legislation to issue certain specified directions to the boards of directors of the Former James Hardie Companies. That legislation also imposes statutory obligations upon the Former James Hardie Companies to comply with such directions, and the NSW Government may require the directors of the trustees of the Foundation and of the ABN 60 Foundation to resign pursuant to powers granted under the *James Hardie Former Subsidiaries (Special Provisions) Act 2005.* 

#### Potential for claims against the Former James Hardie Companies to be made against the Company

Up to the date of the establishment of the Foundation, Amaca and Amaba incurred costs of asbestos-related litigation and settlements. From time to time, ABN 60 was joined as a party to asbestos suits which were primarily directed at Amaca and Amaba. Because Amaca, Amaba and ABN 60 were not or have not been a part of the Company since the time of establishment of the Foundation and the ABN 60 Foundation, no provision for asbestos-related claims was established in the Company's consolidated financial statements prior to 31 March 2006.

The FFA does not confer upon the Former James Hardie Companies any directly enforceable rights against the Company in respect of the funding obligations. Similarly, the FFA does not create any directly enforceable rights in favour of any persons who may have personal injury claims against the Former James Hardie Companies and that agreement does not seek to make the Company or any current member of the James Hardie Group directly liable for damages for personal injury or death in connection with the former manufacture or sale of asbestos products by Amaca, Amaba or ABN 60. The funding obligations of the Performing Subsidiary and the Company to the SPF will be enforceable by the SPF and, in certain circumstances, directly by the NSW Government.

Apart from the funding obligations arising under the FFA, it is possible that the Company could become subject to suits for damages for personal injury or death in connection with the former manufacture or sale of asbestos products that have been or may be filed against Amaca, Amaba or ABN 60. However, as described further below, the ability of any claimants to initiate or pursue such suits is restricted by legislation enacted by the NSW Government pursuant to the FFA. Although it is difficult to predict the incidence or outcome of future litigation, and thus no assurances as to such incidence or outcome can be given, the Company believes that, in the absence of new legislation or a change in jurisprudence as adopted in prior case law before the NSW Supreme Court and Federal High Court, as more fully described below, the Company's liability with respect to such suits if such suits could be successfully asserted directly against the Company is not probable and estimable at this time. This belief is based on the following factors: following the transfers of Amaca and Amaba to the Foundation and of ABN 60 to the ABN 60 Foundation, none of those companies has been part of the Company and while those companies are proposed to become subsidiaries of the SPF as part of the steps to implement the FFA, neither the SPF nor the Company will thereby assume the liabilities of the Former James Hardie Companies under Australian law; the separateness of corporate entities under Australian law; the limited circumstances in which "piercing the corporate veil" might occur under Australian and Dutch law; the absence of an equivalent under Australian common law of the US legal doctrine of "successor liability"; the effect of the James Hardie (Civil Liability) Act 2005 and the James Hardie (Civil Penalty Compensation Release) Act 2005 as described further below; and the belief that the principle applicable under Dutch law, to the effect that transferees of assets may be held liable for the transferor's liabilities when they acquire assets at a price that leaves the transferor with insufficient assets to meet claims, is not triggered by the transfers of Amaca, Amaba and ABN 60, the restructure of the Company in 2001, or previous group transactions. The courts in Australia have generally refused to hold parent entities responsible for the liabilities of their subsidiaries absent any finding of fraud, agency, direct operational responsibility or the like. However, if suits are made possible and/or successfully brought, they could have a material adverse effect on the Company's business, results of operations or financial condition.

In New Zealand, where RCI Holdings Pty Ltd owns a subsidiary that formerly manufactured asbestos-containing products, claims have been made against the statutory fund established under New Zealand's accident compensation regime (rather than against the subsidiary). The relevant legislation at present is the Injury Prevention, Rehabilitation and Compensation Act 2001 (NZ). Where there is cover under this legislation, claims for compensatory damages are barred. Although claims not barred by the legislation could still be brought in some circumstances, any such claims are not currently estimable.

During the period ended 31 March 2006, the Company has not been a party to any material asbestos litigation and has not made any settlement payments in relation to any such litigation.

Under US laws, the doctrine of "successor liability" provides that an acquirer of the assets of a business can, in certain jurisdictions and under certain circumstances, be held responsible for liabilities arising from the conduct of that business prior to the acquisition, notwithstanding the absence of a contractual arrangement between the acquirer and the seller pursuant to which the acquirer agreed to assume such liabilities.

The general principle under Australian law is that, in the absence of a contractual agreement to transfer specified liabilities of a business, and where there is no fraudulent conduct, the liabilities remain with the corporation that previously carried on the business and are not passed on to the acquirer of assets. Prior to March 2004, the Company leased manufacturing sites from Amaca, a former subsidiary that is now owned and controlled by the Foundation. In addition, the Company purchased certain plant and equipment and inventory from Amaca at fair value in connection with the first phase of the Company's restructuring. Each of these transactions involved only Australian companies and, accordingly, the Company believes the transactions are governed by Australian laws and not the laws of any other jurisdiction. The Company does not believe these transactions should give rise to the assumption by the Company of any asbestos-related liabilities (tortious or otherwise) under Australian law that may have been incurred during the period prior to the transfer of the assets.

Under Dutch law, a Dutch transferee of assets may be held responsible for the liabilities of the transferor following a transfer of assets if the transfer results in the transferor having insufficient assets to meet the claims of its creditors or if the transfer otherwise jeopardizes the position of the creditors of the transferor. The Company believes the transfer by ABN 60 of all of the shares of James Hardie N.V. ("JH NV") to JHI NV in the 2001 Restructuring will not result in the Company being held responsible as transferee under this rule because, upon the transfer and the implementation of the other aspects of the 2001 Restructuring, ABN 60 had the same financial resources to meet the claims of its creditors as it had prior to the transfer.

## Special Commission of Inquiry

On 29 October 2003, the Foundation issued a press release stating that its "most recent actuarial analysis estimates that the compensation bill for the organisation could reach one billion Australian dollars in addition to those funds already paid out to claimants since the Foundation was formed and that existing funding could be exhausted within five years." In February 2004, the NSW Government established a Special Commission of Inquiry ("SCI") to investigate, among other matters described below, the circumstances in which the Foundation was established. The SCI was instructed to determine the current financial position of the Foundation and whether it would be likely to meet its future asbestos-related claims in the medium to long-term. It was also instructed to report on the circumstances in which the Foundation and whether this may have resulted in or contributed to a possible insufficiency of assets to meet future asbestos-related liabilities, and the circumstances in which any corporate restructure or asset transfers occurred within or in relation to the James Hardie Group prior to the funding of the Foundation's ability to meet its current and future liabilities. The SCI was also instructed to report on the adequacy of current arrangements available to the Foundation

under the Corporations Act of Australia to assist the Foundation in managing its liabilities and whether reform was desirable in order to assist the Foundation in managing its obligations to current and future claimants.

On 14 July 2004, following the receipt of a new actuarial estimate of asbestos liabilities of the Foundation by KPMG Actuaries, the Company lodged a submission with the SCI stating that the Company would recommend to its shareholders that they approve the provision of an unspecified amount of additional funding to enable an effective statute-based scheme to compensate all future claimants for asbestos-related injuries for which Amaca and Amaba may become liable. The Company proposed that the statutory scheme include the following elements:

- speedy, fair and equitable compensation for all existing and future claimants, including objective criteria to reduce superimposed inflation. Superimposed inflation is inflation in claim awards above the underlying rate of inflation and is sometimes called judicial inflation;
- contributions to be made in a manner which provide certainty to claimants as to their entitlement, the scheme administrator as to the amount available for distribution, and the proposed contributors (including the Company) as to the ultimate amount of their contributions;
- significant reductions in legal costs through reduced and more abbreviated litigation; and
- limitation of legal avenues outside of the scheme.

The submission stated that the proposal was made without any admission of liability or prejudice to the Company's rights or defences.

The SCI issued its report on 21 September 2004. The following is a summary of the principal findings of the SCI relating to the Company based on the SCI's report and other information available to the Company. This summary does not contain all of the findings contained or observations made in the SCI report. It should be noted that the SCI is not a court and, therefore, its findings have no legal force.

## Principal findings in favour of the Company

The principal findings in favour of the Company were that:

- the establishment of the Foundation was legally effective and causes of action which the Foundation, Amaba or Amaca might have against the James Hardie Group, its officers and advisers would be unlikely to result in any significant increase in the funds of Amaba, Amaca or the Foundation (putting this finding conversely, the Company is unlikely to face any significant liability to the Foundation, Amaba or Amaba as a result of the then current causes of action of such entities against the current members of the James Hardie Group);
- there was no finding that JHI NV had committed any material breach of any law as a result of the separation and reorganisation transactions which took place in 2001;
- many of the allegations and causes of action put forward by lawyers for the Foundation, Amaba and Amaca were "speculative"; and
- the SCI rejected the suggestion that JHI NV had breached any law or was part of a conspiracy in relation to the fact that the reorganisation scheme documents prepared in 2001 did not refer to the possibility of the partly-paid shares being cancelled (the shares were cancelled in 2003).

## Other principal findings relevant to the Company

The other principal findings relevant to the Company were that:

• as a practical (but not legal) matter, if the "right" amount (and not merely the minimum amount) of funding was not provided to the Foundation, the Company would face potential



legislative, customer, union and public action to apply legislative and boycott measures and public pressure to ensure that the Company met any significant funding shortfall; and

the directors of ABN 60 at the time of the cancellation of the partly-paid shares (Messrs Morley and Salter) effectively followed the instructions of JHI NV in relation to the cancellation. As a result, it might be concluded that JHI NV was a shadow director of ABN 60 at that time. However, while expressing some reservations about what occurred, the SCI did not find that the ABN 60 directors (including JHI NV as a shadow director) breached their duties in undertaking the cancellation.

## Principal findings against ABN 60 (formerly called JHIL)

A number of further findings (positive and adverse) were also made in relation to ABN 60, which is not a current member of the James Hardie Group. Such findings were not directed against the Company. For the reasons provided above, the Company does not believe that it will have any liability under current Australian law if future liabilities of ABN 60 or ABN 60 Foundation exceed the funds available to those entities. This includes liabilities that may attach to ABN 60 or ABN 60 Foundation and the separation of ABN 60 from the Company.

The SCI found that, given ABN 60's limited financial resources, ABN 60 would need to be able to succeed in making a claim against JHI NV in respect of the cancellation of the partly-paid shares before claims by Amaba or Amaca against ABN 60 had any practical value. Although expressing reservations about what occurred, the SCI did not find that the directors of ABN 60 had breached their duty in cancelling the partly-paid shares.

The SCI did not make any finding that any cause of action by ABN 60 with respect to the partly-paid shares was likely to succeed.

## Principal findings against Mr Macdonald and Mr Shafron

The principal (but non-determinative) findings against Messrs Macdonald and Shafron pertained to their conduct while officers of ABN 60 in relation to:

- alleged false and misleading conduct associated with a 16 February 2001 press release, particularly regarding a statement that the Foundation was "fully funded" in contravention of New South Wales and Commonwealth legislation prohibiting false or misleading conduct;
- allegedly breaching their duties as officers of ABN 60 by encouraging the board of directors of ABN 60 to act on the Trowbridge report, dated 13 February 2001 (the "Trowbridge Report"), in forming a view that the Foundation would be "fully funded"; and
- criticisms, falling short of findings of contraventions of law, based on their respective roles in the separation and reorganization transactions. These included criticisms relating to their development, control over, reliance on and use of the Trowbridge Report, despite (in the SCI's view) their knowledge of its limitations.

The Commissioner noted that he had not carried out an exhaustive investigation and concluded that it was a matter for Commonwealth authorities (notably the Australian Securities and Investments Commission "ASIC") to determine whether any further action should be taken in relation to matters which the Commissioner considered comprised, or might be likely to have comprised, contraventions of Australian corporations law. The Commissioner acknowledged that in relation to various of his findings, there was an issue as to whether Amaba or Amaca suffered any loss or damage from the actions reviewed by him but in this regard he did not find it necessary to reach any definitive conclusion.

In relation to the question of the funding of the Foundation, the SCI found that there was a significant shortfall in funds available to satisfy potential asbestos-related liabilities of Amaca, Amaba and ABN 60. In part, this was based on actuarial work commissioned by the Company indicating that the



## James Hardie Industries N.V. and Subsidiaries Notes to Consolidated Financial Statements

discounted value of the central estimate of the asbestos liabilities of Amaca and Amaba was approximately A\$1.573 billion as of 30 June 2003. The central estimate was calculated in accordance with Australian Actuarial Standards, which differ from generally accepted accounting principles in the United States. As of 30 June 2003, the undiscounted value of the central estimate of the asbestos liabilities of Amaca and Amaba, as determined by KPMG Actuaries, was approximately A\$3.403 billion (US\$2.272 billion). The SCI found that the net assets of the Foundation and the ABN 60 Foundation were not sufficient to meet these prospective liabilities and were likely to be exhausted in the first half of 2007.

In relation to the Company's statutory scheme proposal, the SCI reported that there were several issues that needed to be refined quite significantly but that it would be an appropriate starting point for devising a compensation scheme.

The SCI's findings are not binding and if the same issues were presented to a court, the court might come to different conclusions on one or more of the issues.

#### Events Following the SCI Findings

The NSW Government stated that it would not consider assisting the implementation of any proposal advanced by the Company unless it was the result of an agreement reached with the unions acting through the Australian Council of Trade Unions ("ACTU"), UnionsNSW (formerly known as the Labour Council of New South Wales), and a representative of the asbestos claimants (together, the "Representatives"). The statutory scheme that the Company proposed on 14 July 2004 was not accepted by the Representatives.

The Company continues to believe that, apart from the obligations it voluntarily assumed under the FFA described herein and as discussed below under the subheading "Interim Funding and ABN 60 Indemnity," under current Australian law, it is not legally liable for any shortfall in the assets of Amaca, Amaba, the Foundation, the ABN 60 Foundation or ABN 60.

Following the release of the SCI report, the Representatives and others indicated that they would encourage or continue to encourage consumers and union members in Australia and elsewhere to ban or boycott the Company's products, to demonstrate or otherwise create negative publicity toward the Company in order to influence the Company's approach to the discussions with the NSW Government or to encourage governmental action if the discussions were unsuccessful. The Company's financial position, results of operations and cash flows were affected by such bans and boycotts, although the impact was not material. The Representatives and others also indicated that they might take actions in an effort to influence the Company's shareholders, a significant number of which are located in Australia, to approve any proposed arrangement. Pursuant to the FFA, the Representatives agreed to use their best endeavours to achieve forthwith the lifting of all bans or boycotts on any products manufactured, produced or sold by the Company, and the Company and the Representatives signed a deed of release in December 2005 under which the Company agreed to release the Representatives and the members of the ACTU and UnionsNSW from civil liability arising in relation to bans or boycotts instituted as a result of the events described above. Such releases did not extend to any new bans or boycotts, if applicable, implemented after the date of signing of the FFA, or to any bans or boycotts which persisted beyond 1 January 2006. The Company is aware of a number of bans or boycotts having been lifted, and is monitoring the progress towards the lifting of a number of remaining bans or boycotts. However, if the conditions precedent to the FFA are not satisfied or if for any other reason that agreement is not implemented, it remains the case that fresh bans or boycotts could be implemented against the Company's products. Any such measures, and the influences resulting from them, could have a material adverse impact on the Company's financial pos

On 28 October 2004, the NSW Premier announced that the NSW Government would seek the agreement of the Ministerial Council, comprising Ministers of the Commonwealth and the Australian States and Territories, to allow the NSW Government to pass legislation which he announced would



"wind back James Hardie's corporate restructure and rescind the cancellation of A\$1.9 billion in partly-paid shares." The announcement said that "the laws will effectively enforce the liability (for asbestos-related claims) against the Dutch parent company."

On 5 November 2004, the Australian Attorney-General and the Parliamentary Secretary to the Treasurer (the two relevant ministers of the Australian Federal Government) issued a news release stating that the Ministerial Council for Corporations (the relevant body of Federal, State and Territory Ministers) ("MINCO") had unanimously agreed "to support a negotiated settlement that will ensure that victims of asbestos-related diseases receive full and timely compensation from James Hardie" and if "the current negotiations between James Hardie, the ACTU and asbestos victims do not reach an acceptable conclusion, MINCO also agreed in principle to consider options for legislative reform." The news release of 5 November 2004 indicated that treaties to enforce Australian judgments in Dutch and US courts are not required, but that the Australian Government had been involved in communications with Dutch and US authorities regarding arrangements to ensure that Australian judgments are able to be enforced where necessary. If the conditions precedent to the full implementation of the FFA are not satisfied or if otherwise the FFA is terminated by James Hardie, the Company is aware that legislative intervention may ensue but has no detailed information as to the content of any such legislation.

## Heads of Agreement

On 21 December 2004, the Company announced that it had entered into a non-binding Heads of Agreement with the NSW Government and the Representatives which was expected to form the basis of a proposed binding agreement under which a subsidiary of the Company would agree to provide, and the Company would guarantee, funding payments to a special purpose fund established to provide funding on a long-term basis to be applied towards meeting proven asbestos-related personal injury and death claims ("Claims") against the Former James Hardie Companies. The Heads of Agreement set out the key principles in a more detailed legally binding agreement.

Negotiations between the NSW Government and the Company as to the terms of such legally binding agreement continued throughout 2005 and resulted in the execution of the FFA as described herein.

#### Extension of Heads of Agreement to cover Baryulgil claims

On 15 April 2005, the Company announced that it had extended the coverage of the funding arrangements agreed under the Heads of Agreement to enable the SPF to settle or meet proven Claims by members of the Baryulgil community in Australia against Asbestos Mines Pty Ltd ("Asbestos Mines"), which conducted asbestos-related mining activities in Baryugil, NSW. Asbestos Mines began mining at Baryulgil in 1944 as a joint venture between Wunderlich Ltd (now Seltsam Ltd, an entity of CSR Ltd) and a former James Hardie subsidiary (now Amaca Pty Ltd.) From 1954 until 1976, Asbestos Mines was a wholly owned subsidiary of James Hardie Industries Limited (now ABN 60). Asbestos Mines, which has subsequently been renamed Marlew Mining Pty Ltd, has not been part of the James Hardie Group since 1976, when it was sold to Woodsreef Mines Ltd (subsequently renamed Mineral Commodities Ltd). The Company has no current right to access any Claims information in relation to Claims against Asbestos Mines, and has no current involvement in the management or settlement of such Claims.

## Interim Funding and ABN 60 Indemnity

The Company has previously announced a number of measures in relation to the funding position of the Foundation prior to the Company's entry into the FFA. On 3 December 2004, and in part as a result of initiatives undertaken by the Company, the Foundation received a payment of A\$88.5 million from ABN 60 for use in processing and meeting asbestos-related claims pursuant to the terms of a deed of covenant and indemnity which ABN 60, Amaca and Amaba had entered into in February 2001.



## James Hardie Industries N.V. and Subsidiaries Notes to Consolidated Financial Statements

The Company facilitated the payment of such funds by granting an indemnity (under a separate deed of indemnity) to the directors of ABN 60, which it announced on 16 November 2004. Under the terms of that indemnity, the Company agreed to meet any liability incurred by the ABN 60 directors resulting from the release of the A\$88.5 million by ABN 60 to the Foundation. The Company believes that the release of funding by ABN 60 is in accordance with law and effective contracts and therefore the Company should not incur liability under this indemnity. The Company has not received any claim nor made any payments in relation to this indemnity.

Additionally, on 16 November 2004, the Company offered to provide funding to the Foundation on an interim basis for a period of up to six months from that date. Such funding would only be provided once existing Foundation funds (in particular, funding available to Amaca and Amaba) had been exhausted. On the basis of updated information provided to KPMG Actuaries by representatives of the Foundation as to the incidence of claims and the current net assets of the Amaca and Amaba, and assuming such incidence of claims continues, the Company considers that it is unlikely that the Foundation funds will be exhausted before late calendar year 2006.

On 31 March 2005, the Company announced that it would extend the timing of its commitment to assist the Foundation to obtain interim funding, if necessary, prior to the FFA being finalised in accordance with the updated timetable announced on that date.

The Company has not recorded a provision for either the proposed indemnity or the potential payments under the interim funding proposal. The Company has not been required to make any payments pursuant to this commitment.

With regard to the ABN 60 indemnity, there is no maximum value or limit on the amount of payments that may be required. As such, the Company is unable to disclose a maximum amount that could be required to be paid. The Company believes, however, that the expected value of any potential future payments resulting from the ABN 60 indemnity is zero and that the likelihood of any payment being required under this indemnity is remote.

## Releases From Civil Liability

The FFA was supplemented by legislation passed by the NSW Government to provide releases to the James Hardie Group and to current and former directors, officers, employees, agents and advisers of James Hardie Group members from all civil liabilities in connection with, among other matters, the establishment and funding (or underfunding) of the Foundation as described above, the corporate reorganisations of the James Hardie Group in 2001 and other matters examined by the SCI.

The full form of the statutory releases is set out in legislation passed by the NSW Parliament and contained in the *James Hardie (Civil Liability) Act 2005* and the *James Hardie (Civil Penalty Compensation Release) Act 2005*. The term "civil liabilities" is not defined in that legislation and therefore bears its ordinary meaning under Australian law. When introducing that legislation into the NSW Parliament, the Attorney General of New South Wales stated that the legislation was intended to extinguish liabilities for civil penalties for which a compensation order may be imposed under the Corporations Act 2001 (Cth), but it was not intended to release the released persons from any other kind of civil penalty orders that may be imposed (including any liabilities for fines, orders banning individuals from being directors, or court declaration that a contravention of a civil penalty provision has occurred). Australian courts may have regard to those statements in determining the scope of civil liabilities released under this legislation, where they consider that the natural and ordinary meaning of "civil liabilities" is ambiguous or obscure.

That legislation also released certain persons in relation to the entry by JHI NV and the Performing Subsidiary into the Heads of Agreement, the FFA and the Related Agreements and their implementation by the James Hardie Group, and the circumstances giving rise to the same.

However, such releases did not affect the obligations of JHI NV and the Performing Subsidiary of their obligation set out in the FFA or Related Agreements.

The NSW Government has also undertaken to refrain from taking any action inconsistent with such releases and extinguishments. The releases and extinguishments contained in the legislation described above are permanent in relation to all released persons who are natural persons. In relation to companies and other non-natural persons who were released under that legislation, the releases and extinguishments may be suspended by the NSW Government if the Performing Subsidiary is and remains in breach of any obligation to make a funding payment under the FFA or of its obligations not to undertake certain prejudicial specified dealings, and the Performing Subsidiary or the Company has not remedied the breach within three months of the Company having received a notice under the FFA.

## Actuarial Study; Claims Estimate

The Company commissioned an updated actuarial study of potential asbestos-related liabilities as of 31 March 2006. Based on the results of these studies, it is estimated that the discounted value of the central estimate for claims against the Former James Hardie companies was approximately A\$1.52 billion (US\$1.14 billion). The undiscounted value of the central estimate of the asbestos-related liabilities of Amaca and Amaba as determined by KPMG Actuaries was approximately A\$3.08 billion (US\$2.3 billion). Actual liabilities of those companies for such claims could vary, perhaps materially, from the central estimate described above. This central estimate is calculated in accordance with Australian Actuarial Standards, which differ from accounting principles generally accepted in the United States.

In estimating the potential financial exposure, the actuaries made assumptions related to the total number of claims which were reasonably estimated to be asserted through 2071, the typical cost of settlement (which is sensitive to, among other factors, the industry in which the plaintiff claims exposure, the alleged disease type and the jurisdiction in which the action is being brought), the legal costs incurred in the litigation of such claims, the rate of receipt of claims, the settlement strategy in dealing with outstanding claims and the timing of settlements.

Further, the actuaries have relied on the data and information provided by the Foundation and Amaca Claim Services, Amaca Pty Ltd (Under NSW External Administration) ("ACS") and assumed that it is accurate and complete in all material respects. The actuaries have not verified the information independently nor established the accuracy or completeness of the data and information provided or used for the preparation of the report.

Due to inherent uncertainties in the legal and medical environment, the number and timing of future claim notifications and settlements, the recoverability of claims against insurance contracts, and estimates of future trends in average claim awards, as well as the extent to which the above-named entities will contribute to the overall settlements, the actual amount of liability could differ materially from that which is currently projected.

A sensitivity analysis has been performed to determine how the actuarial estimates would change if certain assumptions (i.e., the rate of inflation and superimposed inflation, the average costs of claims and legal fees, and the projected numbers of claims) were different from the assumptions used to determine the central estimates. This analysis shows that the discounted central estimates could be in a range of A\$1.0 billion (US\$0.7 billion) to A\$2.5 billion (US\$1.8 billion) (undiscounted estimates of A\$1.8 billion (US\$1.4 billion) to A\$5.3 billion (US\$3.9 billion) as of 31 March 2006. It should be noted that the actual cost of the liabilities could be outside of that range depending on the results of actual experience relative to the assumptions made.

The potential range of costs as estimated by KPMG Actuaries is affected by a number of variables such as nil settlement rates (where no settlement is payable by the Former James Hardie Companies because the claim settlement is borne by other asbestos defendants (other than the

Former James Hardie subsidiaries) which are held liable), peak year of claims, past history of claims numbers, average settlement rates, past history of Australian asbestos-related medical injuries, current number of claims, average defence and plaintiff legal costs, base wage inflation and superimposed inflation. The potential range of losses disclosed includes both asserted and unasserted claims. While no assurances can be provided, if the FFA is approved by all of the necessary parties, including the Company's Board of Directors, shareholders and leners, the Company expects to be able to partially recover losses from various insurance carriers. As of 31 March 2006, KPMG Actuaries' undiscounted central estimate of asbestos-related liabilities was A\$3.1 billion (US\$2.2 billion). This undiscounted central estimate is net of expected insurance recoveries of A\$504.8 million (US\$379.9 million) after making a general credit risk allowance for bad debt insurance carriers and an allowance for A\$65.5 million (US\$49.3 million) of "by claim" or subrogation recoveries from other third parties.

Currently, the timing of any potential payments is uncertain because the conditions precedent to the FFA have not been satisfied. In addition, the Company has not yet incurred any settlement costs pursuant to its offer to provide the Foundation with interim funding, which is described above under the heading "Interim Funding and ABN 60 Indemnity" because the Foundation continues to meet all claims of Amaca and Amaba.

Claims Data

The following table, provided by KPMG Actuaries, shows the number of claims pending as of 31 March 2006 and 2005:

	Years En 31 Marc	
	2006	2005
Australia	556	712
New Zealand		_
Unknown — Court Not Identified <sup>(1)</sup>	20	36
USA	1	1

(1)The "Unknown — Court Not Identified" designation reflects that the information for such claims had not been, as of the date of publication, entered into the database which the Foundation maintains. Over time, as the details of "unknown" claims are provided to the Foundation, the Company believes the database is updated to reflect where such claims originate. Accordingly, the Company understands the number of unknown claims pending fluctuates due to the resolution of claims as well as the reclassification of such claims.

For the years ended 31 March 2006, 2005 and 2004 the following tables, provided by KPMG Actuaries, show the claims filed, the number of claims dismissed, settled or otherwise resolved for each period, and the average settlement amount per claim.

		Australia Years Ended 31 March		
	2006	2005	2004	
Number of claims filed	346	489	379	
Number of claims dismissed	97	62	119	
Number of claims settled or otherwise resolved	405	402	316	
Average settlement amount per claim	A\$ 151,883	A\$ 157,594	A\$ 167,450	
Average settlement amount per claim	US\$ 114,322	US\$ 116,572	US\$ 116,127	

		Unknown - Court Not Identified Years Ended 31 March			
	2006	2005	200	04	
Number of claims filed	6	7		1	
Number of claims dismissed	10	20		15	
Number of claims settled or otherwise resolved	12	2		—	
Average settlement amount per claim	A\$ 198,892	A\$ 47,000	A\$		
Average settlement amount per claim	US\$ 149,706	US\$ 34,766	US\$	—	
		USA			
		Years Ended 31 March			
	2006	2005	200	04	
Number of claims filed	_	_		_	
Number of claims dismissed	_	3		1	
Number of claims settled or otherwise resolved	_	1			
Average settlement amount per claim	A\$ —	A\$ 228,293	A\$		
Average settlement amount per claim	US\$ —	US\$ 168,868	US\$		

The following table, provided by KPMG Actuaries, shows the activity related to the numbers of open claims, new claims, and closed claims during each of the past five years and the average settlement per settled claim and case closed.

			As of 31 March		
	2006	2005	2004	2003	2002
Number of open claims at beginning of year	749	743	814	671	569
Number of new claims	352	496	380	409	375
Number of closed claims	524	490	451	266	273
Number of open claims at year-end	577	749	743	814	671
Average settlement amount per settled claim	A\$ 153,236	A\$ 157,223	A\$ 167,450	A\$ 201,200	A\$ 197,941
Average settlement amount per case closed	A\$ 121,945	A\$ 129,949	A\$ 117,327	A\$ 177,752	A\$ 125,435
Average settlement amount per settled claim	US\$ 115,341	US\$ 116,298	US\$ 116,127	US\$ 112,974	US\$ 101,603
Average settlement amount per case closed	US\$ 91,788	US\$ 96,123	US\$ 81,366	US\$ 99,808	US\$ 64,386

The Company has not had any responsibility or involvement in the management of claims against ABN 60 since the time ABN 60 left the James Hardie Group in 2003. Since February 2001, when Amaca and Amaba were separated from the James Hardie Group, neither the Company nor any current subsidiary of the Company has had any responsibility or involvement in the management of claims against those entities. Prior to that date, the principal entity potentially involved in relation to such claims was ABN 60, which has not been a member of the James Hardie Group since March 2003. However, the FFA and associated New South Wales legislation contemplates that the SPF will have both the responsibility for and arrangement of claims against the Former James Hardie Companies, and that the Company will have the right to appoint a majority of the directors of the SPF unless a special default or insolvency event arises, as explained further above.

On 26 October 2004, the Company, the Foundation and KPMG Actuaries entered into an agreement under which the Company would be entitled to obtain a copy of the actuarial report prepared by KPMG Actuaries in relation to the claims liabilities of the Foundation and Amaba and Amaca, and would be entitled to publicly release the final version of such reports. Under the terms of the FFA, but subject to it being implemented, the Company has obtained similar rights of access to actuarial information produced for the SPF by the actuary to be appointed by the SPF (the "Approved Actuary"). The Company's future disclosures with respect to claims statistics is subject to it obtaining such information from the Approved Actuary. The Company has had no general right (and has not obtained any right under the FFA) to audit or otherwise require independent verification of such information or the methodologies to be adopted by the Approved Actuary. As a result, the Company cannot make any representations or warranties as to the accuracy or completeness of the actuarial information disclosed herein or that may be disclosed in the future.

### SCI and Other Related Expenses

The Company has incurred substantial costs associated with the SCI and may incur material costs in the future related to the SCI or subsequent legal proceedings. The following are the components of SCI and other related expenses:

		Years Ended 31 March		
(Millions of US dollars)	2	006	2	2005
SCI	\$	—	\$	6.8
Internal investigation		—		4.9
ASIC investigation		0.8		1.2
Severance and consulting		0.1		6.0
Resolution advisory fees		9.8		6.4
Funding advice		2.9		0.6
Other		3.8		2.2
Total SCI and other related expenses	\$	17.4	\$	28.1

Internal investigation costs reflect costs incurred by the Company in connection with an internal investigation conducted by independent legal advisors to investigate allegations raised during the SCI and the preparation and filing of the Company's annual financial statements in the United States.

## ASIC

ASIC has announced that it is conducting an investigation into the events examined by the SCI, without limiting itself to the evidence compiled by the SCI. ASIC has served notices to produce relevant documents upon the Company and various directors and officers of the Company and upon certain of the Company's advisers and auditors at the time of the separation and restructure transactions described above. ASIC has also served notices requiring the Company and ABN 60 to produce certain computerised information and requiring certain current and former directors and officers of ABN 60 or the Company to present themselves for examination by ASIC delegates. So far, as the Company is aware, the individuals who have been required to attend such examinations have done so. To date, ASIC has announced that it is investigating various matters, but it has not specified the particulars of alleged contraventions under investigation, nor has it announced that it has reached any conclusion that any person or entity has contravened any relevant law.

To assist ASIC's investigation, the Australian Federal Government enacted legislation to abrogate the legal professional privilege which would otherwise have attached to certain documents relevant to matters under investigation or to any future civil proceedings to be taken. The legislation is set out in the *James Hardie (Investigations and Proceedings) Act 2004.* 

The Company may incur liability to meet the costs of current or former directors, officers or employees of the James Hardie Group to the extent that those costs are covered by indemnity arrangements granted by the Company to those persons. To date, no claims have been received from any current or former officers in relation to the ASIC investigation, except in relation to the examination by a former director of ABN 60 by ASIC delegates, the amount of which cannot be assessed at present. In relation to this claim and any others that may arise, the Company may be reimbursed in whole or in part under directors' and officers' insurance policies maintained by the Company.

## Financial Position of the Foundation

On the basis of the current cash and financial position of the Foundation's subsidiaries (Amaca and Amaba) and following the Company's entry into the Heads of Agreement, the applications previously made to the Supreme Court of NSW by the Foundation for the appointment of a provisional liquidator to the Foundation's subsidiaries were dismissed with the Foundations consent. Such applications have now been rendered unnecessary by the passage of the civil liability release legislation described above.

The potential for Amaba, Amaca or ABN 60 to be placed into insolvency has been further reduced by legislation passed in NSW (the *James Hardie Former Subsidiaries (Winding Up and Administration) Act 2005*), parts of which came into force on 2 December 2005 and which will, when fully effective, replace the *James Hardie Former Subsidiaries (Special Provisions)* Act 2005. That legislation maintains the *status quo* of Amaca, Amaba and ABN 60, including by providing for a statutory form of administration for those entities so as to prevent them being placed into administration or liquidation under the provisions of the Australian Corporations Act which would usually apply to an insolvent Australian company. The legislation also sought to ensure that the directors of those entities would not seek to remove the assets or the register of shares in those entities outside New South Wales.

The Company believes it is possible that future costs related to the Company's implementation of the FFA may be material. The Company does not expect any material additional costs to be incurred in connection with the SCI.

#### **Environmental and Legal**

The operations of the Company, like those of other companies engaged in similar businesses, are subject to a number of federal, state and local laws and regulations on air and water quality, waste handling and disposal. The Company's policy is to accrue for environmental costs when it is determined that it is probable that an obligation exists and the amount can be reasonably estimated. In the opinion of management, based on information presently known except as set forth above, the ultimate liability for such matters should not have a material adverse effect on either the Company's consolidated financial position, results of operations or cash flows.

The Company is involved from time to time in various legal proceedings and administrative actions incidental or related to the normal conduct of its business. Although it is impossible to predict the outcome of any pending legal proceeding, management believes that such proceedings and actions should not, except as it relates to asbestos as described above, individually or in the aggregate, have a material adverse effect on either its consolidated financial position, results of operations or cash flows.

## **Operating Leases**

As the lessee, the Company principally enters into property, building and equipment leases. The following are future minimum lease payments for non-cancellable operating leases having a remaining term in excess of one year at 31 March 2006:

Years ended 31 March:	(Millions of U	(Millions of US dollars)	
2007	\$	15.0	
2008		13.7	
2009		12.3	
2010		11.1	
2011		10.9	
Thereafter		78.7	
Total	\$	141.7	

Rental expense amounted to US\$9.1 million, US\$9.1 million and US\$8.1 million for the years ended 31 March 2006, 2005 and 2004, respectively.

## **Capital Commitments**

Commitments for the acquisition of plant and equipment and other purchase obligations, primarily in the United States, contracted for but not recognised as liabilities and generally payable within one year, were US\$22.2 million at 31 March 2006.

## James Hardie Industries N.V. and Subsidiaries Notes to Consolidated Financial Statements

## 13. Income Taxes

Income tax expense includes income taxes currently payable and those deferred because of temporary differences between the financial statement and tax bases of assets and liabilities. Income tax expense for continuing operations consists of the following components:

		Years Ended 31 March		
(Millions of US dollars)	2006	2005	2004	
Income from continuing operations before income taxes:				
Domestic <sup>1</sup>	\$ 113.7	\$ 90.5	\$ 103.5	
Foreign	(548.8)	99.3	62.2	
(Loss) income from continuing operations before income taxes:	<u>\$ (435.1)</u>	\$ 189.8	\$ 165.7	
Income tax expense:				
Current:				
Domestic <sup>1</sup>	(9.0)	(14.1)	(6.7)	
Foreign	<u>(91.5)</u>	(37.1)	(20.4)	
Current income tax expense	(100.5)	(51.2)	(27.1)	
Deferred:				
Domestic <sup>1</sup>	(0.3)	5.0	(3.9)	
Foreign	29.2	(15.7)	(9.4)	
Deferred income tax expense	28.9	(10.7)	(13.3)	
Total income tax expense for continuing operations	<u>\$ (71.6)</u>	<u>\$ (61.9)</u>	<u>\$ (40.4)</u>	

<sup>1</sup>Since JHI NV is the Dutch parent holding company, domestic represents The Netherlands.

Income tax expense computed at the statutory rates represents taxes on income applicable to all jurisdictions in which the Company conducts business, calculated as the statutory income tax rate in each jurisdiction multiplied by the pre-tax income attributable to that jurisdiction. Income tax expense from continuing operations is reconciled to the tax at the statutory rates as follows:

	Ye	ars Ended 31 March	
(Millions of US dollars)	2006	2005	2004
Income tax expense computed at statutory tax rates	\$ 121.0	\$ (65.3)	\$ (60.7)
US state income taxes, net of the federal benefit	(7.1)	(5.3)	(0.2)
Asbestos provision	(214.7)	_	_
Benefit from Dutch financial risk reserve regime	12.7	18.1	24.8
Expenses not deductible	(3.4)	(2.3)	(2.5)
Non-assessable items	1.4	_	1.3
Losses not available for carryforward	(2.6)	(2.4)	
Change in reserves	20.7	(3.7)	(3.9)
Other items	0.4	(1.0)	0.8
Total income tax expense	<u>\$ (71.6)</u>	<u>\$ (61.9)</u>	<u>\$ (40.4)</u>
Effective tax rate	16.5%	32.6%	24.4%



Deferred tax balances consist of the following components:

	Years	Years Ended 31 March	
(Millions of US dollars)	2006	2005	
Deferred tax assets:			
Provisions and accruals	\$ 33.2	\$ 29.0	
Net operating loss carryforwards	8.9	12.8	
Capital loss carryforwards	31.2	33.7	
Taxes on intellectual property transfer	8.3	10.0	
Total deferred tax assets	81.6	85.5	
Valuation allowance	(35.2)	) (38.1)	
Total deferred tax assets net of valuation allowance	46.4	47.4	
Deferred tax liabilities:			
Property, plant and equipment	(91.7)	) (86.9)	
Prepaid pension cost	(1.8)	) (2.5)	
Total deferred tax liabilities	(93.5)	(89.4)	
Foreign currency movements	2.8	2.8	
Net deferred tax liabilities	<u>\$ (44.3</u>	) <u>\$ (39.2</u> )	

Under SFAS No. 109, "Accounting for Income Taxes," the Company establishes a valuation allowance against a deferred tax asset if it is more likely than not that some portion or all of the deferred tax asset will not be realised. The Company has established a valuation allowance pertaining to a portion of its Australian net operating loss carryforwards and all of its Australian capital loss carryforwards. The valuation allowance decreased by US\$2.9 million during fiscal year 2006 primarily due to foreign currency movements.

At 31 March 2006, the Company had Australian tax loss carryforwards of approximately US\$23.7 million that will never expire. At 31 March 2006, the Company had a US\$13.8 million valuation allowance against the Australian tax loss carryforwards.

At 31 March 2006, the Company had US\$103.9 million in Australian capital loss carryforwards which will never expire. At 31 March 2006, the Company had a 100% valuation allowance against the Australian capital loss carryforwards.

At 31 March 2006, the undistributed earnings of non-Dutch subsidiaries approximated US\$475.6 million. The Company intends to indefinitely reinvest these earnings, and accordingly, has not provided for taxes that would be payable upon remittance of those earnings. The amount of the potential deferred tax liability related to undistributed earnings is impracticable to determine at this time.

Due to the size of the Company and the nature of its business, the Company is subject to ongoing reviews by taxing jurisdictions on various tax matters, including challenges to various positions the Company asserts on its income tax returns. The Company accrues for tax contingencies based upon its best estimate of the taxes ultimately expected to be paid, which it updates over time as more information becomes available. Such amounts are included in taxes payable or other non-current liabilities, as appropriate. If the Company ultimately determines that payment of these amounts is unnecessary, the Company reverses the liability and recognises a tax benefit during the period in which the Company determines that the liability is no longer necessary. The Company records an additional charge in the period in which it determines that the recorded tax liability is less than it expects the ultimate assessment to be.

In fiscal year 2006, the Company finalised certain tax audits and paid all additional amounts due for the applicable fiscal years and recorded a US\$20.7 million tax benefit to reduce amounts accrued in excess of all amounts paid.

In fiscal year 2005, the Company settled certain tax audits and filed amended income tax returns and paid additional tax for the applicable fiscal years. The Company recorded a US\$2.5 million tax benefit to reduce amounts accrued in excess of all amounts paid.

Relevant tax authorities from various jurisdictions in which the Company operates are in the process of auditing the Company's respective jurisdictional income tax returns for various ranges of years. Of the audits currently being conducted none have progressed sufficiently to predict their ultimate outcome. The Company accrues income tax liabilities for these audits based upon knowledge of all relevant facts and circumstances, taking into account existing tax laws, its experience with previous audits and settlements, the status of current tax examination and how the tax authorities view certain issues.

The Company currently derives significant tax benefits under the US-Netherlands tax treaty. The treaty was amended during fiscal year 2005 and became effective for the Company on 1 February 2006. The amended treaty provides, among other things, new requirements that the Company must meet for the Company to continue to qualify for treaty benefits and its effective income tax rate. During fiscal year 2006, the Company made changes to its organisational and operational structure to satisfy the requirements of the amended treaty and believes that it is now in compliance and should continue qualifying for treaty benefits. However, if during a subsequent tax audit or related process the Internal Revenue Service ("IRS") determines that these changes do not meet the new requirements, the Company may not qualify for treaty benefits; its effective income tax rate could significantly increase beginning in the fiscal year that such determination is made; and it could be liable for taxes owed from the effective date of the amended treaty provisions.

In March 2006, RCI Pty Ltd (RCI) a wholly owned subsidiary of the Company received an amended assessment from the Australian Taxation Office ("ATO") in respect of RCI's income tax return for the year ended 31 March 1999. The amended assessment relates to the amount of net capital gains arising as a result of an internal corporate restructure carried out in 1998 and has been issued pursuant to the discretion granted to the Commissioner of Taxation under Part IVA of the Income Tax Assessment Act 1936. The original amended assessment issued to RCI was for a total of A\$412.0 million. However, after a subsequent remission of general interest charges by the ATO the total is now A\$378.0 million, comprised of the following:

(Millions of dollars)	US\$	A\$
Primary tax after allowable credits	\$ 129.5	A\$ 172.0
Penalties (1)	32.4	43.0
General interest charges	122.7	163.0
Total amended assessment	\$ 284.6	A\$ 378.0

(1)Represents 25% of primary tax

In late 2005 the Tax Laws Amendment (Improvements to Self Assessment Act (No 2)) 2005 of Australia (the ROSA Act) went into effect. Prior to the ROSA Act becoming law, the ATO had the power to amend earlier tax assessments to give effect to a determination under the general anti avoidance provisions of the tax legislation, Part IVA, within six years after the date on which tax became due and payable under the earlier assessment. The ROSA Act changed this period from six to four years. Unlike the other changes made by the ROSA Act to the ATO's powers to amend earlier assessments (which apply only to the 2005 and later tax years), the changes to Part IVA


operated immediately from royal assent on 15 December 2005. The amended assessment was issued to RCI to give effect to a Part IVA determination after the ROSA Act became law, but was issued after the four year period had expired (although just before the old six year period had expired).

The ATO has acknowledged in writing to the Company that this was an issue and deferred the time for payment of tax to 30 June 2006 because of the uncertainty. The Government announced on 9 May 2006 that there had been a drafting error and that a law would be presented to Parliament to ensure retrospectively that the relevant Part IVA changes would only take effect from the 2005 and later tax years. The Company has not seen any draft law.

Even though the ATO did not appear to have the power to make and issue the amended assessment because it was out of time (subject to retrospective correcting legislation being passed), there remains an issue as to whether the amended is valid until successfully challenged in Court, or whether it is invalid and a nullity.

However, if the validity of the amended assessment is confirmed, there is a range of possible payment outcomes in accordance with the ATO Receivable Policy. These will be subject to negotiation with the ATO and include RCI paying the entire assessment on 30 June 2006 or entering into an arrangement with the ATO to pay at least 50% of the primary tax on 30 June 2006.

The Company believes that RCI's tax position will ultimately prevail in this matter. Accordingly, it is expected that any amounts paid on 30 June 2006 (or any later time) would be recovered by RCI (with interest) at the time RCI is successful in its appeal against the amended assessment.

RCI strongly disputes the amended assessment and is pursuing all avenues of objection and appeal to contest the ATO's position in this matter. The ATO has confirmed that RCI has a reasonably arguable position that the amount of net capital gains arising as a result of the corporate restructure carried out in 1998 has been reported correctly in fiscal year 1999 tax return and that Part IVA does not apply. As a result, the ATO reduced the amount of penalty from an automatic 50% of primary tax that would otherwise apply in these circumstances, to 25% of primary tax. In Australia, a reasonably arguable position means that the tax position is about as likely to be correct as it is not correct. The Company and RCI received legal and tax advice at the time of the transaction, during the ATO enquires and following receipt of the amended assessment. The Company believes that the tax position reported in RCI's tax return for the 1999 year will be upheld on appeal. Accordingly, at this time, the Company is unable to determine with any certainty whether any amount will ultimately become payable by RCI or, if any amount is ultimately payable, the amount of any such payment. Therefore, the Company believes that the probable and estimable requirements under SFAS No. 5, "Accounting for Contingencies," for recording a liability have not been met and therefore has not recorded any liability at 31 March 2006 for the amended assessment.

#### 14. Discontinued Operations

#### **Building Systems**

On 30 May 2003, the Company sold its New Zealand Building Systems business to a third party. A gain of US\$1.9 million represented the excess of net proceeds from the sale of US\$6.7 million over the net book value of assets sold of US\$4.8 million. The proceeds from the sale were comprised of cash of US\$5.0 million and a note receivable in the amount of US\$1.7 million. As of 31 March 2005, the US\$1.7 million note receivable had been collected in full.

ABN 60

## James Hardie Industries N.V. and Subsidiaries Notes to Consolidated Financial Statements

Following the establishment of the ABN 60 Foundation, the Company no longer owns any shares of ABN 60. ABN 60 Foundation is managed by independent directors and operates entirely independently of the Company. Since that date, the Company has not and currently does not control the activities of ABN 60 or ABN 60 Foundation in any way. The Company has no economic interest, other than described in Note 12, in ABN 60 or ABN 60 Foundation and has no right to dividends or capital distributions made by the ABN 60 Foundation. Apart from the express indemnity for non-asbestos matters provided to ABN 60 and a possible arrangement to fund some or all future claimants for asbestos-related injuries caused by former James Hardie subsidiary companies and to the potential liabilities more fully described in Note 12, the Company does not believe it will have any liability under current Australian law should future liabilities of ABN 60 or ABN 60 Foundation exceed the funds available to those entities. As a result of the change in ownership of ABN 60 on 31 March 2003, a loss on disposal of US\$0.4 million was recorded by James Hardie at 31 March 2003, representing the liabilities of ABN 60 (to the Foundation) of A\$94.6 million, the A\$94.5 million (US\$57.1 million) in cash held on the balance sheet, and costs associated with the establishment and funding of ABN 60 Foundation.

JHI NV has agreed to indemnify ABN 60 Foundation for any non asbestos-related legal claims made on ABN 60. There is no maximum amount of the indemnity and the term of the indemnity is in perpetuity. James Hardie believes that the likelihood of any material non asbestos-related claims occurring is remote. As such, the Company has not recorded a liability for the indemnity. The Company has not pledged any assets as collateral for such indemnity.

Amaca, Amaba and ABN 60 have all agreed to indemnify JHI NV and its related corporate entities for past and future asbestos-related liabilities as part of the establishment of the respective foundations. Amaca, Amaba and ABN 60's obligation to indemnify JHI NV and its related entities includes claims that may arise associated with the manufacturing activities of those companies.

#### **Disposal of Chile Business**

In June 2005, the Company approved a plan to dispose of its Chile Fibre Cement business to Compania Industrial El Volcan S.A. (Volcan). The sale closed on 8 July 2005. The Company received net proceeds of US\$3.9 million and recorded a loss on disposal of US\$0.8 million. This loss on disposal is included in other operating income (expense) in the Company's consolidated financial statements.



## James Hardie Industries N.V. and Subsidiaries Notes to Consolidated Financial Statements

As part of the terms of the sale of the Chile Fibre Cement business to Volcan, the Company entered into a two-year take or pay purchase contract for fibre cement product manufactured by Volcan. The first year of the contract amounts to a purchase commitment of approximately US\$2.8 million and the second year amounts to a purchase commitment of approximately US\$2.1 million. As this contract qualifies as continuing involvement per SFAS No. 144, "Accounting for the Impairment or Disposal of Long Lived Assets," the operating results and loss on disposal of the Chile Fibre Cement business are included in the Company's income from continuing operations and are comprised of the following components:

	31 March				
(Millions of US dollars)	2	006		2005	
Chile Fibre Cement					
Net sales	\$	5.1	\$	13.3	
Cost of goods sold		(3.5)		(10.1)	
Gross profit		1.6		3.2	
Selling, general and administrative expenses		(1.2)		(2.0)	
Loss on disposal of business		(0.8)		_	
Operating (loss) income		(0.4)		1.2	
Interest expense		(0.2)		(0.4)	
Net (loss) income	\$	(0.6)	\$	0.8	

The following are the results of operations of discontinued businesses:

	Years Ended 31 March					
(Millions of US dollars)	2	006	2	005		2004
Building Systems						
Net sales	\$	_	\$	_	\$	2.9
Income before income tax expense		—		—		0.3
Income tax expense						(0.1)
Net income		—		_		0.2
Building Services						
Net sales				—		—
Loss before income tax benefit				(0.5)		_
Income tax benefit				0.2		
Net loss		_		(0.3)	_	_
Total						
Net sales				—		2.9
(Loss) income before income tax benefit (expense)		—		(0.5)		0.3
Income tax benefit (expense)		—		0.2		(0.1)
Net (loss) income		—		(0.3)		0.2
(Loss) gain on disposal, net of income taxes				(0.7)		4.1
(Loss) income from discontinued operations	\$		\$	(1.0)	\$	4.3

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#### 15. Stock-Based Compensation

At 31 March 2006, the Company had the following stock-based compensation plans: the Executive Share Purchase Plan; the 2001 Equity Incentive Plan; one Stock Appreciation Rights Plan; the Supervisory Board Share Plan and the Managing Board Transitional Stock Option Plan. As of 31 March 2006, the Company has no units outstanding under the following stock based compensation plans: Peter Donald Macdonald Share Option Plan; Peter Donald Macdonald Share Option Plan 2001; Peter Donald Macdonald Share Option Plan 2002; and Key Management Shadow Stock Incentive Plan.

The Company accounts for stock options using the fair value provisions of SFAS No. 123, which requires the Company to value stock options issued based upon an option pricing model and recognise this value as compensation expense over the periods in which the options vest.

The Company estimates the fair value of each option grant on the date of grant using the Black-Scholes option-pricing model. In the table below are the weighted average assumptions and weighted average fair values used for grants in fiscal year 2006, 2005 and 2004:

		Years Ended 31 March			
	2006	2005	2004		
Dividend yield	1.2%	1.1%	1.0%		
Expected volatility	27.4%	29.1%	26.0%		
Risk free interest rate	4.8%	3.2%	2.7%		
Expected life in years	3.3	3.3	3.3		
Weighted average fair value at grant date	A\$ 1.35	A\$ 1.35	A\$ 1.42		

Compensation expense arising from stock option grants as determined using the Black-Scholes model was US\$5.9 million, US\$3.0 million and US\$3.2 million for the fiscal years ended 31 March 2006, 2005 and 2004, respectively.

#### **Executive Share Purchase Plan**

Prior to July 1998, JHIL issued stock under an Executive Share Purchase Plan (the "Plan"). Under the terms of the Plan, eligible executives purchased JHIL shares at their market price when issued. Executives funded purchases of JHIL shares with non-recourse, interest-free loans provided by JHIL and collateralised by the shares. In such cases, the amount of indebtedness is reduced by any amounts payable by JHIL in respect of such shares, including dividends and capital returns. These loans are generally payable within two years after termination of an executive's employment. As part of the 2001 Reorganisation, the identical terms of the agreement have been carried over to JHI NV. Variable plan accounting under the provisions of Accounting Principles Board ("APB") Opinion No. 25 has been applied to the Executive Share Purchase Plan shares granted prior to 1 April 1995 and fair value accounting, pursuant to the requirements of SFAS No. 123, has been applied to shares granted after 31 March 1995. Accordingly, the Company recorded variable compensation expense of nil, nil and US\$0.1 million for the years ended 31 March 2006, 2005 and 2004, respectively. No shares were issued to executives during fiscal year 2006, 2005 and 2004.

#### **Managing Board Transitional Stock Option Plan**

The Managing Board Transitional Stock Option Plan provides an incentive to the members of the Managing Board. The maximum number of ordinary shares that may be issued and outstanding or subject to outstanding options under this plan shall not exceed 1,380,000 shares. At 31 March 2006, there were 1,320,000 options outstanding under this plan.

The Company granted options to purchase 1,320,000 shares of the Company's common stock at an exercise price per share equal to A\$8.53 under the Managing Board Transitional Stock Option plan on 22 November 2005 to the Managing Directors. As set out in the plan rules, the exercise price and



## James Hardie Industries N.V. and Subsidiaries Notes to Consolidated Financial Statements

the number of shares available on exercise may be adjusted on the occurrence of certain events, including new issues, share splits, right issues and capital reconstructions. 50% of these options become exercisable on the first business day on or after 22 November 2008, if the total shareholder returns ("TSR") (essentially its dividend yield and common stock performance) from 22 November 2005 to that date was at least equal to the median TSR for the companies comprising the Company's peer group, as set out in the plan. In addition, for each 1% increment that the Company's TSR is above the median TSR an additional 2% of the options become exercisable. If any options remain unvested on the last business day of each six month period following 22 November 2008 and 22 November 2010, the Company will reapply the vesting criteria to those options on that business day.

#### 2001 Equity Incentive Plan

On 19 October 2001 (the grant date), JHI NV granted a total of 5,468,829 stock options under the JHI NV 2001 Equity Incentive Plan (the "2001 Equity Incentive Plan") to key US executives in exchange for their previously granted Key Management Equity Incentive Plan ("KMEIP") shadow shares that were originally granted in November 2000 and 1999 by JHIL. These options may be exercised in five equal tranches (20% each year) starting with the first anniversary of the original shadow share grant.

		October 2001	
	Original	Number	Option
Original Shadow	Exercise	of Options	Expiration
Share Grant Date	Price	Granted	Date
November 1999	A\$ 3.82	1,968,544	November 2009
November 2000	A\$ 3.78	3,500,285	November 2010

As set out in the plan rules, the exercise prices and the number of shares available on exercise may be adjusted on the occurrence of certain events, including new issues, share splits, rights issues and capital reconstructions. Consequently, the exercise price was reduced by A\$0.21, A\$0.38 and A\$0.10 for the November 2003, November 2002 and December 2001 returns of capital, respectively.

Under the 2001 Equity Incentive Plan, additional grants have been made at fair market value to management and other employees of the Company as follows:

Share Grant Date	Origi Exer Pric	cise	Number of Options Granted	Option Expiration Date
December 2001	A\$	5.65	4,248,417	December 2011
December 2002	A\$	6.66	4,037,000	December 2012
December 2003	A\$	7.05	6,179,583	December 2013
December 2004	A\$	5.99	5,391,100	December 2014
February 2005	A\$	6.30	273,000	February 2015
December 2005	A\$	8.90	5,224,100	December 2016
March 2006	A\$	9.50	40,200	March 2016

Each option confers the right to subscribe for one ordinary share in the capital of JHI NV. The options may be exercised as follows: 25% after the first year; 25% after the second year; and 50% after the third year. All unexercised options expire 10 years from the date of issue or 90 days after the employee ceases to be employed by the Company. Also, as set out in the plan rules, the exercise prices and the number of shares available on exercise may be adjusted on the occurrence of certain events, including new issues, share splits, rights issues and capital reconstructions.

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Consequently, the exercise price on the December 2002 and December 2001 option grants were reduced by A\$0.21 for the November 2003 return of capital and the December 2001 option grant was reduced by A\$0.38 for the November 2002 return of capital.

The Company is authorised to issue 45,077,100 shares under the 2001 Equity Incentive Plan. The following table summarises the shares available for grant under this plan:

		Years Ended 31 March		
Shares Available for Grant	2006	2005	2004	
Shares available at 1 April	24,340,258	27,293,210	32,884,940	
Awards granted	(5,264,300)	(5,664,100)	(6,179,583)	
Options forfeited	700,275	2,711,148	587,853	
Shares available at 31 March	19,776,233	24,340,258	27,293,210	

The following table shows the movement in all of the Company's outstanding options:

(In Australian dollars)		200	)6		20	005		20	004
		Weigh	hted		Wei	ghted		Wei	ighted
		Aver	age		Av	erage		Ave	erage
	Number of Shares	Exero Prio		Number of Shares		ercise rice	Number of Shares		ercise rice
Outstanding at 1 April	20,128,610	A\$	5.75	17,978,707	A\$	5.72	13,410,024	A\$	5.20
Granted	6,584,300		8.83	5,664,100		6.00	6,179,583		7.05
Exercised	(3,925,378)		4.79	(803,049)		4.13	(1,023,047)		4.38
Forfeited	(3,274,275)		5.68	(2,711,148)		6.56	(587,853)		5.79
Outstanding at 31 March	19,513,257	A\$	6.99	20,128,610	A\$	5.75	17,978,707	A\$	5.72
Options exercisable 31 March	7,234,897	A\$	5.82	7,155,625	A\$	5.08	3,858,736	A\$	4.54

(	In Australian dollars)	Options Outstanding				Options Ex	ercisable	
	Number Outstanding	Weighted Average Remaining Contractual		Weighted Average	Num Exercis		А	eighted verage
Range of Exercise Price	at 31 March 2006	Life (in Years)		Exercise Price	at 31 Marcl			xercise Price
A\$ 3.0		,	A\$	3.09		773,750	A\$	3.09
A5 3.0 3.1			Aφ	3.13		257,113	Λφ	3.13
5.0				5.06		1,270,724		5.00
5.9	, ,			5.99		967,900		5.99
6.3	0 273,000	8.9		6.30		68,250		6.3
6.4	5 2,064,800	6.7		6.45	2	2,064,800		6.4
7.0	5 3,857,720	7.7		7.05		1,832,360		7.0
8.5	3 1,320,000	9.7		8.53		—		
8.9	0 5,191,100			8.90		—		_
9.5	0 40,200	9.9		9.50		_		
A\$3.09 to A\$9.50	19,513,257	8.2	A\$	6.99		7,234,897	A\$	5.8



#### Supervisory Board Share Plan

At the 2002 Annual General Meeting, the shareholders approved a Supervisory Board Share Plan ("SBSP"), which requires that all non-executive directors on the Joint Board and Supervisory Board receive shares of the Company's common stock as payment for a portion of their director fees. The SBSP requires that the directors to take at least \$10,000 of their fees in shares and allows directors to receive additional shares is lieu of fees in their discretion. Shares issued under the \$10,000 compulsory component of the SBSP are subject to a two-year escrow that requires members of the Supervisory Board to retain those shares for at least two years following issue. The issue price for the shares is the market value at the time of issue. No loans will be entered into by the Company relation to the grant of shares pursuant to the SBSP.

#### Peter Donald Macdonald Share Option Plans

#### Peter Donald Macdonald Share Option Plan

As a replacement for options previously granted by JHIL on 17 November 1999, Mr Macdonald was granted an option to purchase 1,200,000 shares of the Company's common stock at an exercise price of A\$3.87 per share under the JHI NV Peter Donald Macdonald Share Option Plan. As with the original JHIL option grant, this stock option became fully vested and exercisable on 17 November 2004. The options had an expiration date of 20 April 2005, six months after the date of Mr Macdonald's resignation. The exercise price and the number of shares available on exercise could be adjusted on the occurrence of certain events, including new issues, share splits, rights issues and capital reconstructions, as set out in the plan rules. Consequently, the exercise price was reduced by A\$0.21, A\$0.38 and A\$0.10 for the November 2003, November 2002 and December 2001 returns of capital, respectively. Mr Macdonald exercised all of these options in April 2005.

#### Peter Donald Macdonald Share Option Plan 2001

As a replacement for options previously granted by JHIL on 12 July 2001, Mr Macdonald was granted an option to purchase 624,000 shares of the Company's common stock at an exercise price per share equal to A\$5.45 under the JHI NV Peter Donald Macdonald Share Option Plan 2001. The replacement options were to become exercisable for 468,000 shares on the first business day on or after 12 July 2004, if JHI NV's TSR (essentially its dividend yield and common stock performance) from 12 July 2001 to that date was at least equal to the median TSR for the companies comprising JHI NV's peer group, as set out in the plan. In addition, the replacement options were to become exercisable on that same day for an additional 6,240 shares for each one-percent improvement in JHI NV's TSR ranking above the median total shareholder returns for its peer group (up to a total of 156,000 additional shares). On the first business day of each month from November 2004 until the options expired on 20 April 2005, six months after the date of Mr Macdonald's resignation, JHI NV's total shareholder returns were compared with that of its peer group to determine if any previously unvested options vest according to the applicable test described above. As set out in the plan rules, the exercise price and the number of shares available on exercise price was reduced by A\$0.21, A\$0.38 and A\$0.10 for the November 2003, November 2002 and December 2001 returns of capital, respectively. As the TSR requirement had not been met six months after Mr Macdonald ceased to be employed by JHI NV, all of these options expired in April 2005.

#### Peter Donald Macdonald Share Option Plan 2002

On 19 July 2002, under the JHI NV Peter Donald Macdonald 2002 Share Option Plan, Mr Macdonald was granted an option to purchase 1,950,000 shares of the Company's common stock at an exercise price of A\$6.30 per share. These options were to become exercisable for 1,462,500 shares of JHI NV's common stock on the first business day on or after 19 July 2005, if JHI NV's TSR from 19 July 2002 to that date was at least equal to the median TSR for the companies comprising its peer group, which comprises those companies included in the S&P/ASX 200 index excluding the companies

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listed in the 200 Financials and 200 Property Trust indices. Additionally, for each one-percent improvement in JHI NV's TSR ranking above the median TSR for its peer group 19,500 shares were to become exercisable (up to a total of 487,500 additional shares). If any options remained unexercisable on that date because the applicable test for TSR was not satisfied, then on the first business day of each month occurring from that day until 31 October 2005, JHI NV's TSR would again be compared with that of its peer group to determine if any previously unvested options vested according to the applicable test described above. Any vested options would have remained exercisable until the tenth anniversary of the issue date, 19 July 2012. As set out in the plan rules, the exercise price and the number of shares available on exercise could be adjusted on the occurrence of certain events, including new issues, share splits, rights issues and capital reconstructions. Consequently, the exercise price was reduced by A\$0.21 and A\$0.38 for the November 2003 and November 2002 returns of capital, respectively. All 1,950,000 options expired on 31 October 2005.

#### Key Management Shadow Stock Incentive Plan

On 5 December 2003, 12,600 shadow stock shares were granted under the terms and conditions of the Key Management Shadow Stock Incentive Plan. At 31 March 2005, 12,600 shadow stock shares were outstanding. All of these shadow stock shares were cancelled in April 2005.

#### **Stock Appreciation Rights Plan**

On 14 December 2004, 527,000 stock appreciation rights were granted under the terms and conditions of the JHI NV Stock Appreciation Rights Incentive Plan. This plan provides similar incentives as the 2001 Equity Incentive Plan. 27,000 of these stock appreciation rights were cancelled in April 2005. The remaining 500,000 stock appreciation rights were outstanding at 31 March 2006 and will vest 50% December 2006 and 50% December 2007. These rights have been accounted for as stock appreciation rights under SFAS No. 123 and, accordingly, compensation expense of US\$0.5 million, nil and US\$2.6 million was recognized in fiscal year 2006, 2005 and 2004, respectively.

#### 16. Financial Instruments

#### **Foreign Currency**

As a multinational corporation, the Company maintains significant operations in foreign countries. As a result of these activities, the Company is exposed to changes in exchange rates which affect its results of operations and cash flows. At 31 March 2006 and 2005, the Company had not entered into any material contracts to hedge these exposures.

The Company purchases raw materials and fixed assets and sells some finished product for amounts denominated in currencies other than the functional currency of the business in which the related transaction is generated. In order to protect against foreign exchange rate movements, the Company may enter into forward exchange contracts timed to mature when settlement of the underlying transaction is due to occur. At 31 March 2006 and 2005, there were no material contracts outstanding.

#### **Credit Risk**

Financial instruments which potentially subject the Company to credit risk consist primarily of cash and cash equivalents, investments and trade accounts receivable.

The Company maintains cash and cash equivalents, investments and certain other financial instruments with various major financial institutions. At times, these financial instruments may be in excess of federally insured limits. To minimise this risk, the Company performs periodic evaluations of the relative credit standing of these financial institutions and, where appropriate, places limits on the amount of credit exposure with any one institution.



For off-balance sheet financial instruments, including derivatives, credit risk also arises from the potential failure of counterparties to meet their obligations under the respective contracts at maturity. The Company controls risk through the use of credit ratings and reviews of appropriately assessed authority limits.

The Company is exposed to losses on forward exchange contracts in the event that counterparties fail to deliver the contracted amount. The credit exposure to the Company is calculated as the mark-to-market value of all contracts outstanding with that counterparty. At 31 March 2006 and 2005, total credit exposure arising from forward exchange contracts was not material.

Credit risk with respect to trade accounts receivable is concentrated due to the concentration of the distribution channels for the Company's fibre cement products. Credit is extended based on an evaluation of each customer's financial condition and, generally, collateral is not required. The Company has historically not incurred significant credit losses.

#### Fair Values

The carrying values of cash and cash equivalents, marketable securities, accounts receivable, short-term borrowings and accounts payable and accrued liabilities are a reasonable estimate of their fair value due to the short-term nature of these instruments. The following table summarises the estimated fair value of the Company's long-term debt (including current portion of long-term debt):

	31 March					
		2006				
	Carry	ing Fa	ir Carrying	Fair		
(Millions of US dollars)	Valu	ue Val	ue Value	Value		
Long-term debt:						
Floating	\$	- \$	_ \$ _	\$ —		
Fixed	1	21.7 1	<b>33.8</b> 147.4	173.6		
Total	<u>\$ 1</u>	<b>21.7 §</b> 1	<b>33.8</b> \$ 147.4			

Fair values of long-term debt were determined by reference to the 31 March 2006 and 2005 market values for comparably rated debt instruments.

#### 17. Operating Segment Information and Concentrations of Risk

The Company has reported its operating segment information in the format that the operating segment information is available to and evaluated by the Board of Directors. USA Fibre Cement manufactures and sells fibre cement interior linings, exterior siding and related accessories products in the United States. Asia Pacific Fibre Cement includes all fibre cement manufactured in Australia, New Zealand and the Philippines and sold in Australia, New Zealand and Asia. Research and Development represents the cost incurred by the research and development centres. Other includes the manufacture and sale of fibre cement products in Chile (fiscal years 2005 and 2004 only), the manufacture and sale of fibre cement reinforced pipes in the United States, fibre cement operations in Europe and roofing operations in the United States. The roofing plant was closed and the business ceased operations in April 2006. The Company's operating segments are strategic operating units that are managed separately due to their different products and/or geographical location.

**Operating Segments** The following are the Company's operating segments and geographical information:

			es to Customers Ended 31 Marc		
(Millions of US dollars)	20	06	2005		2004
USA Fibre Cement	\$ 1,2		\$ 939.2	\$	738.6
Asia Pacific Fibre Cement	:	241.8	236.1		219.8
Other		28.3	35.1		23.5
Worldwide total from continuing operations	<u>\$ 1,</u>	488.5	\$ 1,210.4	\$	981.9
			Income Taxes		
			Ended 31 March		
(Millions of US dollars)	200	6	2005		2004
USA Fibre Cement <sup>2</sup>	\$	342.6	041.5	\$	195.6
Asia Pacific Fibre Cement <sup>2</sup>	<b>Þ</b>	41.7	5 241.5 46.8	\$	37.6
Research and Development <sup>2</sup>		(15.7)	(17.5)		(17.6)
Other		(15.7)	(17.3)		(17.0)
		<u>(20.3</u> ) 342.1	259.0		199.7
Segments total General Corporate <sup>3,4</sup>		542.1 (61.4)	(62.8)		(27.5)
Asbestos provision		(01.4) 715.6)	(02.8)		(27.3)
			106.2		172.0
Total operating (loss) income	(4	434.9)	196.2		172.2
Net interest expense <sup>5</sup>		(0.2)	(5.1)		(10.0)
Other income (expense), net			(1.3)		3.5
Worldwide total from continuing operations	<u>\$ (4</u>	<u>435.1</u> )	5 189.8	\$	165.7
				tifiable Asso March	ets
(Millions of US dollars)		-	2006		2005
USA Fibre Cement		5	§ 826.0	\$	670.1
Asia Pacific Fibre Cement			170.4		181.4
Other		-	54.8		79.4
Segments total			1,051.2		930.9
General Corporate <sup>6</sup>		_	394.2		155.8
Worldwide total			5 1,445.4	\$	1,086.7
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		Additions to Property, Plant and Equipment7 Years Ended 31 March	
(Millions of US dollars)	2006	2005	2004
USA Fibre Cement	\$ 154.5	\$ 144.8	\$ 56.2
Asia Pacific Fibre Cement	6.6	4.1	8.4
Other	1.7	4.1	9.5
Worldwide total	<u>\$ 162.8</u>	\$ 153.0	\$ 74.1
		Depreciation and Amortisatio Years Ended 31 March	
(Millions of US dollars)	2006	2005	2004
LICA Eller Conset	¢ 23.4	¢ 22.1	¢ 051
USA Fibre Cement Asia Pacific Fibre Cement	\$ 32.4 10.0	\$ 23.1 10.1	\$ 25.1 9.7
Other	2.9	3.1	9.7
Segments total	45.3	36.3	36.3
General Corporate	43.5		0.1
Worldwide total	\$ 45.3	\$ 36.3	\$ 36.4
Geographic Areas		Net Sales to Customers <sup>1</sup> Years Ended 31 March	
(Millions of US dollars)	2006	2005	2004
USA	\$ 1,233.7	\$ 955.7	\$ 748.9
Australia	164.5	160.5	154.9
New Zealand	53.6	49.6	40.6
Other Countries	36.7	44.6	37.5
Worldwide total from continuing operations	<u>\$ 1,488.5</u>	\$ 1,210.4	<u>\$ 981.9</u>
		Total Identifia 31 Ma	
(Millions of US dollars)		2006	2005
		<b>0</b> 0 <b>5</b> 0 3	<b>*</b> 700 0
USA Australia		\$ 870.3 108.5	\$ 729.2 118.8
Australia New Zealand		108.5	21.4
Other Countries		53.7	61.5
Segments total		1,051.2	930.9
General Corporate <sup>6</sup>		394.2	930.9
Worldwide total		\$ 1,445.4	\$ 1,086.7
wonuwide totai		\$ 1,445.4	\$ 1,080.7

<sup>1</sup>Export sales and inter-segmental sales are not significant.

<sup>2</sup>Research and development costs of US\$13.2 million, US\$7.6 million and US\$6.3 million in fiscal years 2006, 2005 and 2004, respectively, were expensed in the USA Fibre Cement operating segment. Research and development costs of US\$2.3 million, US\$1.9 million and US\$2.2 million in fiscal years 2006, 2005 and 2004, respectively, were expensed in the Asia Pacific Fibre Cement segment. Research and development costs of US\$12.3 million, US\$12.0 million and US\$14.1 million in fiscal years 2006, 2005 and 2004, respectively, were expensed in the Research and Development segment. Research and Development costs of US\$0.9 million, US\$0.1 million and nil in fiscal years 2006, 2005 and 2004, respectively were expensed in other segment. The Research and Development segment also included selling, general and administrative expenses of US\$3.4 million, US\$5.5 million and US\$3.5 million in fiscal years 2006, 2005 and 2004, respectively.

Research and development expenditures are expensed as incurred and in total amounted to US\$28.7 million, US\$21.6 million and US\$22.6 million for the years ended 31 March 2006, 2005 and 2004, respectively.

<sup>3</sup>The principal components of General Corporate are officer and employee compensation and related benefits, professional and legal fees, administrative costs and rental expense, net of rental income, on the Company's corporate offices.

Net periodic pension cost related to the Australian Defined Benefit Plan for the Asia Pacific Fibre Cement segment totaling US\$2.0 million, US\$2.3 million and US\$1.8 million in fiscal years 2006, 2005 and 2004, respectively, has been included in the General Corporate segment. Also, a settlement loss of US\$0.9 and US\$5.3 million on the Defined Benefit Plan in fiscal years 2006 and 2005, respectively has been included in the General Corporate segment.

4Includes costs of US\$17.4 million and US\$28.1 million for SCI and other related expenses in fiscal years 2006 and 2005, respectively. See Note 12.

<sup>5</sup>The Company does not report net interest expense for each operating segment as operating segments are not held directly accountable for interest expense.

<sup>6</sup>The Company does not report deferred tax assets and liabilities for each operating segment as operating segments are not held directly accountable for deferred taxes. All deferred taxes are included in General Corporate.

<sup>7</sup>Additions to property, plant and equipment are calculated on an accrual basis, and therefore differ from property, plant and equipment in the consolidated statements of cash flows.

## James Hardie Industries N.V. and Subsidiaries Notes to Consolidated Financial Statements

#### **Concentrations of Risk**

The distribution channels for the Company's fibre cement products are concentrated. If the Company were to lose one or more of its major customers, there can be no assurance that the Company will be able to find a replacement. Therefore, the loss of one or more customers could have a material adverse effect on the Company's consolidated financial position, results of operations and cash flows. The Company has three major customers that individually account for over 10% of the Company's net sales.

These three customers' accounts receivable represented 60% and 49% of the Company's trade accounts receivable at 31 March 2006 and 2005, respectively. The following are net sales generated by these three customers, which are all from the USA Fibre Cement segment:

		Years Ended 31 March	131 March		
(Millions of US dollars)	2006	2005	2004		
Customer A	\$ 168.5	\$ 131.8	\$ 111.3		
Customer B	426.2	295.4	252.2		
Customer C	156.6	131.7	112.9		
Total	<u>\$ 751.3</u>	\$ 558.9	\$ 476.4		

Approximately 17% of the Company's fiscal year 2006 net sales from continuing operations were derived from outside the United States. Consequently, changes in the value of foreign currencies could significantly affect the consolidated financial position, results of operations and cash flows of the Company's non-US operations on translation into US dollars.

#### 18. Other Comprehensive Loss

The following are the components of total accumulated other comprehensive loss, which is displayed in the consolidated balance sheets:

	Years Ended 31 March		
(Millions of US dollars)	2006	2005	
Unrealised transition loss on derivative instruments classified as cash flow hedges	s _	\$ (0.5)	
Foreign currency translation adjustments	(28.4)	(23.6)	
Total accumulated other comprehensive loss	<u>\$ (28.4)</u>	<u>\$ (24.1)</u>	

In August 2000, the Company entered into a contract with a third party to hedge the price of 5,000 metric tonnes per month of pulp, a major commodity used in the manufacture of fibre cement products. The original contract term was effective from 1 September 2000 to 31 August 2005, with settlement payments due each month. On 1 April 2001, the Company adopted SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities," as amended. The cumulative effect on 1 April 2001 of adopting this statement was to reduce other comprehensive income, a component of shareholders' equity, by US\$4.9 million. Subsequently, this amount has been amortised over the original term of the pulp contract to cost of goods sold.

#### 19. Related Party Transactions

#### JHI NV Directors' Securities Transactions

The Company's Directors and their director-related entities held an aggregate of 271,561 ordinary shares and 266,217 ordinary shares at 31 March 2006 and 2005, respectively, and 2,782,544 options and 1,189,544 options at 31 March 2006 and 2005, respectively.

Supervisory Board members on 22 November 2005 participated in an allotment of 7,957 shares at A\$8.64 per share under the terms of the Supervisory Board Share Plan which was approved by JHI NV shareholders on 22 August 2005. Directors' allocations were as follows:

	Shares
Director	Allotted
M Hellicar	1,515
J Barr	758
MR Brown	758
PS Cameron	1,894
GJ Clark	758
MJ Gillfillan	758
JRH Loudon	758
DG McGauchie	758
Total	7,957

The JHI NV dividend paid on 1 July 2004 and 16 December 2005 to Directors and their related entities was on the same terms and conditions that applied to other holders.

#### Existing Loans to the Company's Directors and Directors of James Hardie Subsidiaries

At 31 March 2006 and 2005, loans totaling US\$30,466 and US\$33,204 respectively were outstanding from certain executive directors or former directors of subsidiaries of JHI NV under the terms and conditions of the Executive Share Purchase Plan (the "Plan"). Loans under the Plan are interest free and repayable from dividend income earned by, or capital returns from, securities acquired under the Plan. The loans are collateralised by CUFS under the Plan. No new loans to Directors or executive officers of JHI NV, under the plan or otherwise, and no modifications to existing loans have been made since December 1997.

During fiscal years 2006 and 2005, repayments totaling US\$1,892 and US\$18,632, respectively, were received in respect of the Plan from AT Kneeshaw, PD Macdonald, PG Morley and DAJ Salter. During fiscal year 2005, an executive director of a subsidiary resigned with loans outstanding of US\$117,688. Under the terms of the plan, this director has two years from due date of his resignation to repay such loan.

#### Payments Made to Directors and Director Related Entities of JHI NV during the Year

In August 2004, Chairman Meredith Hellicar was appointed to a role as Chairman of a special committee of the Board of Directors. The special committee was established to oversee the Company's asbestos matters and was dissolved on 31 March 2005. In this role, she received a fee of US\$33,777 and US\$45,000 for the years ended 31 March 2006 and 2005, respectively.

Supervisory Board Director GJ Clark is a director of ANZ Banking Group Limited with whom the Company transacts banking business. Supervisory Board Director DG McGauchie is a director of Telstra Corporation Limited from whom the Company purchases communications services. All transactions were in accordance with normal commercial terms and conditions. It is not considered that these Directors had significant influence over these transactions.

In February 2004, a subsidiary of the Company entered into a consulting agreement in usual commercial terms and conditions with The Gries Group in respect to professional services. The principal of The Gries Group, James P. Gries, is Mr Louis Gries' brother. Under the agreement, approximately US\$12,000 was paid each month to The Gries Group. The agreement expired in June 2005 and payments of US\$50,876 and US\$157,080 were made for the years ended 31 March 2006 and 2005, respectively. Mr Louis Gries has no economic interest in The Gries Group.

#### Payments made to Director and Director Related Entities of Subsidiaries of JHI NV

The Company has subsidiaries located in various countries, many of which require that at least one director be a local resident. All payments described below arise because of these requirements.

Payments of US\$8,829 and US\$6,817 for the years ended 31 March 2006 and 2005, respectively, were made to Grech, Vella, Tortell & Hyzler Advocates. Dr JJ Vella was a director of one of the Company's subsidiaries. The payments were in respect of professional services and were negotiated in accordance with usual commercial terms and conditions.

Payments of nil and US\$86,822 for the years ended 31 March 2006 and 2005, respectively, were made to Pether and Associates Pty Ltd, technical contractors. The late JF Pether was a director of a subsidiary of the Company and was a director of Pether and Associates Pty Ltd. The payments were in respect of technical services and were negotiated in accordance with usual commercial terms and conditions.

Payments totaling nil and US\$27,634 for the years ended 31 March 2006 and 2005, respectively, were made to R Christensen and T Norman who are directors of some of the Company's subsidiaries. The payments were in respect of professional services and were negotiated in accordance with usual commercial terms and conditions.

Payments totaling US\$78,496 and US\$71,849 for the years ended 31 March 2006 and 2005, respectively, were made to M Helyar, R Le Tocq and N Wild who are directors of a subsidiary of the Company. The payments were in respect of professional services and were negotiated in accordance with usual commercial terms and conditions.

Payments totaling nil and US\$15,488 for the years ended 31 March 2006 and 2005, respectively, were made to Marlee (UK) Ltd. Marlee (UK) Ltd is a director of a subsidiary of the Company. The payments were in respect of professional services and were negotiated in accordance with usual commercial terms and conditions.

Payments totaling US\$4,984 and US\$4,730 for the years ended 31 March 2006 and 2005, respectively, were made to Bernaldo, Mirador and Directo Law Offices. R Bernaldo is a director of a subsidiary of the Company. The payments were in respect of professional services and were negotiated in accordance with usual commercial terms and conditions.



#### **Remuneration of Directors**

Income paid or payable, or otherwise made available by the Company and related parties to Directors of the Company in connection with the management of affairs of the Company totalled US\$10.9 million and US\$15.1 million for the years ended 31 March 2006 and 2005, respectively.

Remuneration for non-executive Directors includes fees for attendance at meetings of the Board of Directors and its subcommittees. Remuneration for the executive Director is determined on the same basis as for other executives as described in below.

#### **Director Retirement Benefits**

In July 2002 the Company discontinued a retirement plan that entitled the Company's Supervisory Board members to receive, upon their termination for any reason other than misconduct, an amount equal to a multiple of up to five times their average annual fees for the three year period prior to their retirement. The applicable multiple was based on the director's years of service on the Company's Supervisory Board, including service on the JHIL Supervisory Board.

For two of the Company's directors, Ms Hellicar and Mr Brown, some benefits under the retirement plan that had accrued as of 2002 were not affected. They may therefore be entitled to benefits pursuant to this plan upon retirement from the Company's Supervisory Board. In the event Ms Hellicar retires from the Company's Supervisory Board for any reason other than misconduct, she will be entitled to four times her average director's fees for the previous three years prior to her retirement. In the event Mr Brown retires from the Company's Supervisory Board for any reason other than misconduct, he will be entitled to four times his average director's fees for the previous three years prior to his retirement.

#### **Remuneration of Executives**

Remuneration received or receivable from the Company by all executives (including Directors) whose remuneration was at least US\$0.1 million was US\$13.7 million and US\$18.5 million for the years ended 31 March 2006 and 2005, respectively. Remuneration for each executive includes salary, incentives, superannuation, stock options, retirement and termination payments, motor vehicles, fringe benefits, tax and other benefits.

An executive is defined as the Chief Executive Officer, members of the Senior Leadership Team, General Managers of Business Units and Company Secretaries of JHI NV.

Remuneration is determined on the basis of the cost of the remuneration to the Company, but excludes insurance premiums paid by the Company in respect of directors' and officers' liability insurance contracts.

Options and shares issued to executives under the Executive Share Purchase Plan are valued using the Black-Scholes model and the fair value of options granted is included in remuneration.

#### James Hardie Industries N.V. and Subsidiaries Remuneration Disclosures

(unaudited, not forming part of the consolidated financial statements)

#### Remuneration of Independent Registered Public Accounting Firm

Remuneration to the Company's independent registered public accounting firm for services provided for fiscal years 2006, 2005 and 2004 were as follows:

#### Audit Fees

The aggregate fees for professional services rendered by its independent registered public accounting firm during the years ended 31 March 2006, 2005 and 2004 were US\$1.6 million, US\$3.1 million and US\$1.2 million, respectively. Professional services include the audit of the Company's annual financial statements and services that are normally provided in connection with statutory and regulatory filings. The fees for the year ended 31 March 2005 included US\$1.9 million of internal investigation fees.

#### Audit-Related Fees

The aggregate fees billed for assurance and related services rendered by the Company's independent registered public accounting firm during the years ended 31 March 2006, 2005 and 2004 were US\$0.1 million, US\$0.2 million and US\$0.1 million, respectively.

#### Tax Fees

The aggregate fees billed for tax compliance, tax advice and tax planning services rendered by the Company's independent registered public accounting firm during the years ended 31 March 2006, 2005 and 2004 were US\$5.2 million, US\$4.2 million and US\$3.5 million, respectively.

#### All Other Fees

In addition to the fees described above, the Company incurred minor fees from the Company's independent registered public accounting firm related to the purchase and use of software.



#### James Hardie Industries N.V. and Subsidiaries Selected Quarterly Financial Data (unaudited, not forming part of the consolidated financial statements)

The information furnished in the selected quarterly financial data for the years ended 31 March 2006 and 2005 is unaudited but includes all adjustments which, in the opinion of management, are necessary for a fair statement of the financial results of the respective interim periods. Such adjustments are of a normal recurring nature. Interim financial statements are by necessity somewhat tentative; judgments are used to estimate interim amounts for items that are normally determinable only on an annual basis.

			Year Ended 31 March 2006 By Quarter By Quarter													
(Millions of US dollars)		First		Second		Third	F	ourth		First	S	Second		Third	]	Fourth
NT - 1	<b>^</b>	250 4	<b>^</b>		•		0	200.0	¢	2061	¢	200.0	¢	007.0	<b>•</b>	0164
Net sales	\$	359.4	\$	376.6	\$	362.7	\$	389.8	\$	306.1	\$	300.9	\$	287.0	\$	316.4
Cost of goods sold		(214.1)	_	(239.3)		(234.0)		(250.3)	_	(194.8)		(203.8)		(190.3)		(195.1)
Gross profit		145.3		137.3		128.7		139.5		111.3		97.1		96.7		121.3
Operating income (loss)		86.9		76.4		64.4		(662.6)		58.3		40.0		33.3		64.6
Interest expense		(1.7)		(2.3)		(1.1)		(2.2)		(2.8)		(1.9)		(1.3)		(1.3)
Interest income		1.0		1.3		1.9		2.9		0.3		0.6		0.6		0.7
Other (expense) income, net		_						_				(1.9)		0.4		0.2
Income (loss) from continuing																
operations before income taxes		86.2		75.4		65.2		(661.9)		55.8		36.8		33.0		64.2
Income tax (expense) benefit		(30.3)		(27.8)		(24.5)		11.0		(18.7)		(12.1)		(13.2)		(17.9)
Income (loss) from continuing																
operations		55.9		47.6		40.7		(650.9)		37.1		24.7		19.8		46.3
Discontinued operations:								. ,								
Loss from discontinued operations net of income																
tax		_		_		_		_		_				(0.3)		
(Loss) gain on disposal of discontinued operations net														()		
of income tax		_		_		_		_		(0.8)		0.1		_		_
(Loss) income from discontinued operations		_						_	_	(0.8)		0.1		(0.3)		_
Net income (loss)	\$	55.9	\$	47.6	\$	40.7	\$	(650.9)	\$	36.3	\$	24.8	\$	19.5	\$	46.3
	φ	55.7	φ	47.0	9	40.7	φ	(0.00.)	φ	50.5	φ	24.0	φ	17.5	φ	+0.5
						F-61										

# James Hardie Industries N.V. and Subsidiaries Group Statistics (unaudited, not forming part of the consolidated financial statements)

	2006	2005	2004	2003	2002
Profit and Loss Account					
Net Sales					
USA Fibre Cement	\$ 1,218.4	\$ 939.2	\$ 738.6	\$ 599.7	\$ 444.8
Asia Pacific Fibre Cement	241.8	236.1	219.8	174.3	141.7
Other	28.3	35.1	23.5	9.6	4.2
Segment total	1.488.5	1,210.4	981.9	783.6	590.7
General Corporate			_	_	1.0
Worldwide total	\$ 1,488.5	\$ 1,210.4	\$ 981.9	\$ 783.6	\$ 591.7
Operating Income	<u>+ -,</u>	<u>+ -,</u>	<u> </u>	<u> </u>	<u> </u>
USA Fibre Cement	\$ 342.6	\$ 241.5	\$ 195.6	\$ 155.1	\$ 85.8
Asia Pacific Fibre Cement	41.7	46.8	37.6	27.3	20.9
Research and Development	(15.7)	(17.5)	(17.6)	(13.0)	(10.0)
Other	(15.7)	(11.8)	(17.0)	(10.7)	(10.0)
		259.0	199.7		87.8
Segments total	342.1		- , , , , ,	158.7	
General Corporate	(61.4)	(62.8)	(27.5)	(29.9)	(41.0)
Asbestos provision	(715.6)				
Total operating (loss) income	(434.9)	196.2	172.2	128.8	46.8
Net interest expense	(0.2)	(5.1)	(10.0)	(19.9)	(16.0)
Other income (expense), net		(1.3)	3.5	0.7	(0.4)
(Loss) income from continuing operations before income					
taxes	(435.1)	189.8	165.7	109.6	30.4
Income tax expense	(71.6)	(61.9)	(40.4)	(26.1)	(3.1)
(Loss) income from continuing operations	\$ (506.7)	\$ 127.9	\$ 125.3	\$ 83.5	\$ 27.3
Dividends paid	\$ 45.9	\$ 13.7	\$ 22.9	\$ 34.3	\$ 20.3
Blance Sheet	\$ 45.9	\$ 15.7	\$ 22.9	\$ 54.5	\$ 20.5
Net current assets	\$ 150.8	\$ 180.2	\$ 195.9	\$ 159.4	\$ 115.1
Total assets	1,445.4	1,088.9	971.2	851.8	968.0
Long-term debt <sup>1</sup>	1,443.4	1,088.9	165.0	165.0	325.0
Shareholders' equity	\$ 94.9	\$ 624.7	\$ 504.7	\$ 434.7	\$ 370.7
Other Statistics	y 74.7	\$ 024.7	\$ 504.7	5 434.7	\$ 370.7
Number of employees:					
USA Fibre Cement	2.150	1.820	1,722	1,500	1,177
Asia Pacific Fibre Cement	773	892	955	931	977
Research and Development	118	131	117	107	51
Other	113	241	245	283	109
Corporate	34	38	34	34	34
*					
Total from continuing operations	3,272	3,122	3,073	2,855	2,348
Number of shareholders	14,679	17,347	22,600	21,688	22,259
Weighted average number of common shares outstanding:					
Basic	461.7	458.9	458.1	456.7	438.4
Diluted	461.7	461.0	461.4	459.4	440.4
Capital expenditures 2	162.8	153.0	74.1	90.2	50.8
Depreciation and amortisation <sup>3</sup>	45.3	36.3	36.4	27.4	23.5
Dividends paid per share <sup>4</sup>	10.0¢	3.0¢	5.0¢	7.5¢	4.6¢
Return of capital per share <sup>5</sup>	_	_	15.0¢	20.0¢	5.09
Basic (loss) earnings per share — continuing operations 6	(110.0¢)	27.9¢	27.4¢	18.3¢	6.2
Diluted (loss) earnings per share — continuing operations 6	(110.0¢)	27.7¢	27.2¢	18.2¢	6.2
Gearing ratio 8	(1.6)%	6.8%	17.0%	21.4%	44.79

#### Notes:

<sup>1</sup>Includes current portion of long term debt. The US\$ notes were repaid on 8 May 2006. See Note 9.

<sup>2</sup>Capital investment on property, plant and equipment includes both cash and credit purchases, and is for continuing operations only.

<sup>3</sup>Information for depreciation and amortisation is for continuing operations only.

<sup>4</sup>Dividends paid divided by the weighted average number of ordinary and employee shares on issue during the year.

<sup>5</sup>On 19 November 2003, the Company paid a capital return of US\$0.15 per share to shareholders for a total of US\$68.7 million. On 1 November 2002, the Company paid a capital return of US\$0.20 per share to shareholders for a total of \$94.8 million.

6Net income divided by the weighted average number of ordinary and employee shares on issue during the year.

7Diluted EPS is similar to basic EPS except that the weighted average number of common shares outstanding is increased to include the number of additional common shares that would have been outstanding if the dilutive potential common shares, such as options, had been issued.

<sup>8</sup>Borrowings less cash (net debt) divided by net debt plus total shareholders' equity.

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#### James Hardie Industries N.V. and Subsidiaries

In this report, James Hardie Industries N.V. and its subsidiaries are collectively referred to as "we," "us," or "our," and the terms "US\$", "A\$", "NZ\$", "PHP", refer to United States dollars, Australian dollars, New Zealand dollars and Philippine pesos, respectively.

We have operations in foreign countries and, as a result, are exposed to foreign currency exchange rate risk inherent in purchases, sales, assets and liabilities denominated in currencies other than the U.S. dollar. We also are exposed to interest rate risk associated with our long-term debt and to changes in prices of commodities we use in production.

Our policy is to enter into derivative instruments solely to mitigate risks in our business and not for trading or speculative purposes.

#### Foreign Currency Exchange Rate Risk

We have significant operations outside of the United States and, as a result, are exposed to changes in exchange rates which affect our financial position, results of operations and cash flows. For our year ended 31 March 2006, the following currencies comprised the following percentages of our net sales, cost of goods sold, expenses and liabilities:

	US\$	A\$	NZ\$	Other(1)
Net sales	82.9%	11.1%	3.6%	2.5%
Cost of goods sold	84.2%	10.7%	2.9%	2.2%
Expenses	73.5%	19.9%	1.6%	4.9%
Liabilities (excluding borrowings)	74.4%	20.0%	4.4%	1.1%

We purchase raw materials and fixed assets and sell some finished product for amounts denominated in currencies other than the functional currency of the business in which the related transaction is generated. In order to protect against foreign exchange rate movements, we may enter into forward exchange contracts timed to mature when settlement of the underlying transaction is due to occur. At 31 March 2006, outstanding foreign exchange contracts were not material.

#### **Interest Rate Risk**

We have market risk from changes in interest rates, primarily related to our borrowings. At 31 March 2006, 40% of our borrowings were fixed-rate and 60% variablerate. The percentage of fixed-rate debt reduces the earnings volatility that would result from changes in interest rates. From time to time, we may enter into interest rate swap contracts in an effort to mitigate interest rate risk. As of ended 31 March 2006, no interest rate swap contracts were entered into and no contracts were outstanding.

#### Item 2. Quantitative and Qualitative Disclosures About Market Risk

#### James Hardie Industries N.V. and Subsidiaries

The following table presents our long-term borrowings at 31 March 2006, the expected maturity date of future principal repayments and related weighted average interest rates. However, under the terms of the uncollateralized notes agreement (fixed-rate debt) prepayment is permitted and on 28 April 2006, the Company issued a notice to all note holders to prepay in full all outstanding notes on 8 May 2006. On 8 May 2006, the US\$ notes were prepaid in full, incurring a make-whole payment of US\$6.0 million.

#### Future Principal Repayments (in Millions of US dollars, except percentages) For the Year Ended 31 March

	Value
121.7 7.16%	\$ 133.8

#### Commodity Price Risk

Pulp is a raw material we use to produce fibre cement, and it has historically demonstrated more price sensitivity than other raw materials we use in our manufacturing process. Although we have entered into contracts to hedge pulp prices in the past, we do not anticipate entering in such transactions in the near future. Cement, energy and fuel are also subject to price sensitivity. Similar to pulp, we do not anticipate entering into any contract to hedge the prices of these commodities in the near future.

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#### James Hardie Industries N.V. and Subsidiaries Consolidated Financial Statements

This Financial Report forms part of a package of information about the Company's results. It should be read in conjunction with the other parts of this package, including the Media Release, Management Presentation and Management's Analysis of Results.

#### Disclaimer

This Management's Analysis of results contains forward-looking statements. James Hardie may from time to time make forward-looking statements in its periodic reports filed with or furnished to the United States Securities and Exchange Commission on Forms 20-F and 6-K, in the annual reports to shareholders, in offering circulars and prospectuses, in media releases and other written materials and in oral statements made by the company's officers, directors or employees to analysts, institutional investors, representatives of the media and others. Examples of forward-looking statements include:

- expectations that the conditions precedent to the Final Funding Agreement will be satisfied;
- expectations about payments to a special purpose fund for the compensation of proven asbestos-related personal injury and death claims;
- expectations concerning the company's Australian Tax Office amended assessment;
- expectations that the company's credit facilities will be extended or renewed;
- projections of operating results or financial condition;
- statements regarding plans, objectives or goals, including those relating to competition, acquisitions, dispositions and products;
- statements about future performance; and
- statements about product or environmental liabilities.

Words such as "believe," "anticipate," "plan," "expect," "intend," "target," "estimate," "project," "predict," "forecast," "guideline," "should," "aim" and similar expressions are intended to identify forward-looking statements but are not the exclusive means of identifying such statements.

Forward-looking statements involve inherent risks and uncertainties. The company cautions that a number of important factors could cause actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements. These factors include, but are not limited to, the risk factors discussed under "Risk Factors" beginning on page 6 of the Form 20-F filed on 7 July 2005 and all matters relating to or arising out of the prior manufacture of products that contained asbestos by current and former James Hardie Australian subsidiaries; compliance with and changes in tax laws and treatments; competition and product pricing in the markets in which the company operates; the consequences of product failures or defects; exposure to environmental, asbestos or other legal proceedings; general economic and market conditions; the supply and cost of raw materials; the success of research and development efforts; reliance on a small number of product distributors; compliance with and changes in laws and regulations; foreign exchange risks; and the successful implementation of new software systems and our successful implementation of the internal control over financial reporting requirements of Section 404 of the Sarbanes-Oxley Act of 2002, as codified by Item 308 of Regulation S-K. The company cautions that the foregoing list of factors is not exclusive and that other risks and uncertainties may cause actual results to differ materially from those in forward-looking statements. Forward-looking statements speak only as of the date they are made.

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**KPMG Actuaries Pty Limited** Australian Financial Services Licence No: 227 328

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#### VALUATION OF

#### ASBESTOS RELATED DISEASE LIABILITIES

OF FORMER JAMES HARDIE ENTITIES

("THE LIABLE ENTITIES")

TO BE MET BY THE SPECIAL PURPOSE FUND

**EFFECTIVE AS AT 31 MARCH 2006** 

PREPARED FOR JAMES HARDIE INDUSTRIES NV

15 MAY 2006

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15 May 2006

Mr Russell Chenu Chief Financial Officer James Hardie Industries NV 22 Pitt Street Sydney NSW 2000

Dear Russell

#### Valuation of asbestos-related disease liabilities of former James Hardie entities ("The Liable Entities") to be met by the Special Purpose Fund

We are pleased to provide you with our actuarial valuation report relating to the asbestos-related disease liabilities of the Liable Entities which are to be met by the Special Purpose Fund.

This report is effective as at 31 March 2006 and has taken into account claims data and information from The Medical Research and Compensation Foundation ("MRCF") and Amaca Claims Services ("ACS") as at 28 February 2006, together with supplemental claims information as at 31 March 2006.

If you have any questions with respect to the contents of this report, please do not hesitate to contact us.

Yours sincerely

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Valuation of the asbestos-related disease liabilities of the Liable Entities to be met by the Special Purpose Fund 31 March 2006

#### EXECUTIVE SUMMARY

#### Important Note: Basis of Report

This valuation report ("the Report") has been prepared by KPMG Actuaries Pty Limited (A.B.N. 77 002 882 000) ("KPMG Actuaries") in accordance with "A deed in respect of a Final Funding Agreement in respect of the provision of long-term funding for compensation arrangements for certain victims of Asbestos-related diseases in Australia" (hereafter referred to as "the Final Funding Agreement") between James Hardie Industries NV, LGTDD Pty Limited and the State of New South Wales which was signed on 1 December 2005. This Report is intended to meet the requirements of the Final Funding Agreement and values the asbestos-related disease liabilities of the Liable Entities to be met by the Special Purpose Fund (which will be named the Asbestos Injuries Compensation Fund). This Report is not intended to be used for any other purpose and may not be suitable, and should not be used, for any other purpose. Opinions and estimates contained in the Report constitute our judgement as of the date of the Report.

The Report has made allowance for an estimate of the cost savings anticipated to arise as a result of the recent enactment of The Dust Diseases Tribunal Amendment (Claims Resolution) Act 2005 in New South Wales ("the DDT Act 2005").

In preparing the Report, KPMG Actuaries has relied on information supplied to it from various sources and has assumed that that information is accurate and complete in all material respects. KPMG Actuaries has not independently verified the accuracy or completeness of the data and information used for this Report.

Except insofar as liability under statute cannot be excluded, KPMG Actuaries, its directors, employees and agents will not be held liable for any loss or damage of any kind arising as a consequence of any use of the Report or purported reliance on the Report including any errors in, or omissions from, the valuation models.

The Report must be read in its entirety. Individual sections of the Report, including the Executive Summary, could be misleading if considered in isolation. In particular, the opinions expressed in the Report are based on a number of assumptions and qualifications which are set out in full in the Report.



#### Introduction

Both the Heads of Agreement and the Final Funding Agreement envisage the completion of an Annual Actuarial Report evaluating the potential asbestosrelated disease liabilities of the Liable Entities to be met by the Special Purpose Fund.

The Liable Entities are defined as being the following entities:

- Amaca Pty Ltd (formerly James Hardie & Coy);
- Amaba Pty Ltd (formerly Jsekarb); and
- ABN60 Pty Ltd (formerly James Hardie Industries Ltd).

The Board of James Hardie have agreed that personal asbestos claims liabilities arising out of mining activities at Baryulgil will also be met by the Special Purpose Fund (these liabilities are referred to in the Final Funding Agreement as liabilities in relation to Marlew Claims).

#### Scope of report

We have been requested by James Hardie Industries NV ("James Hardie") to provide our actuarial assessment as at 31 March 2006 of the asbestos-related disease liabilities of the Liable Entities to be met by the Special Purpose Fund.

The assessment is on a central estimate basis and is based on the claims experience to 28 February 2006, together with supplemental claims information as at 31 March 2006. The Discounted Central Estimate takes into account the anticipated cost savings arising from the procedural reforms resulting from the DDT Act 2005.

A "central estimate" liability assessment is an estimate of the expected value of the range of potential future liability outcomes. In other words, if all the possible values of the liabilities are expressed as a statistical distribution, the central estimate is an estimate of the mean of that distribution. The central estimate liability represents the expected present value of the future asbestos-related claim payments by the Liable Entities in relation to future Proven Claims and Claims Legal Costs to be met by the Special Purpose Fund.

Throughout this report, we have made reference to terms which are defined in the Final Funding Agreement. Accordingly, we have attached, at Appendix H, a Glossary of Terms upon which we have relied.



#### Liability Assessment

At 31 March 2006, our central estimate of the liabilities of the Liable Entities to be met by the Special Purpose Fund taking credit for the anticipated cost savings from the implementation of procedural reforms resulting from the DDT Act 2005 in NSW (the Discounted Central Estimate) is \$1,517.0m (June 2005: \$1,568.4m).

Within that assessment, we have estimated the cost savings arising from the procedural reforms in NSW as being \$74.5m (June 2005: \$83.3m) and accordingly our central estimate of the net liabilities of the Liable Entities before any allowance for anticipated cost savings is \$1,591.5m (June 2005: \$1,651.7m).

The estimated cost savings equate to a reduction in Claims Legal Costs in NSW of approximately 38%.

If similar reforms as those enacted under the DDT Act 2005 were implemented in States outside of NSW (based on our assessment of the extent that such reforms would be relevant, applicable and equally called for by the other State Governments), then our central estimate of the liabilities of the Liable Entities would be \$1,468.0m (June 2005: \$1,513.3m). That is, we estimate the potential savings from the implementation of procedural reforms in other States at \$49.0m (June 2005: \$55.1m)

However, it should be noted that there has been no indication of a commitment by the Governments of the other States to accept or implement any procedural reforms at this time.

All of the above liability figures are discounted and are net of cross-claim recoveries, Insurance and Other Recoveries.

The following table shows a summary of our central estimate liability assessment and compares the current assessment with previous assessments.

#### Table E.1: Comparison of central estimate of liabilities

		March 2006 Sm		June 2005 \$m	March 2005 \$m
	Gross of insurance recoveries	Insurance recoveries	Net of insurance recoveries	Net of insurance recoveries	Net of insurance recoveries
Total projected cashflows in current dollars (uninflated and undiscounted)	1,723.7	245.2	1,478.5	1,596.9	1,666.9
Future inflation allowance (base and superimposed inflation)	2,037.5	274.3	1,763.2	1,709.1	1,936.8
Total projected cash-flows with inflation allowance Discounting allowance	3,761.2 (1,928.6)	519.5 (278.4)	3,241.7 (1,650.2)	3,306.0 (1,654.3)	3,603.7 (1,918.8)
Net present value liabilities (pre cost savings) Net present value liabilities allowing for the DDT	1,832.7	241.2	1,591.5	1,651.7	1,684.9
Act 2005 applying in NSW only* Net present value liabilities allowing for procedural	1,749.6	232.6	1,517.0	1,568.4	n/a
reforms applying nationally**	1,694.5	226.5	1,468.0	1,513.3	n/a

\*This is based on our estimate that NSW represents 50% of the future liabilities. All future figures showing "NSW only" use this estimate.

\*\*As noted in Section 6.4.9, the estimation of the legal cost savings arising from the other States is subject to considerably greater uncertainty than those assessed for NSW.



As we have noted in Section 1.3.1, Workers Compensation claims, being claims by current and former employees of the Liable Entities, are included to the extent that such liabilities are not met by a Workers Compensation Scheme or Policy (as a result of the existence of limits of indemnity and policy deductibles on those contracts of insurance). The amounts of Workers Compensation claims which are met by the contracts of insurance are not included with the definition of a Personal Asbestos Claim and are therefore not met by the Special Purpose Fund. Workers Compensation claims in excess of the insurance limits of indemnity are included in the definition of Personal Asbestos Claim and these amounts are therefore met by the Special Purpose Fund.

We have not allowed for the future Operating Expenses of the Special Purpose Fund or the Liable Entities in the liability assessments.

#### Comparison with previous valuations

#### Comparison with 30 June 2005 valuation

In the absence of any change to the claim projection assumptions from our 30 June 2005 valuation, other than allowing for the changes in the discount rate, we would have projected a Discounted Central Estimate liability of \$1,611.2m as at 31 March 2006. Consequently, our revised assessment at 31 March 2006, before any allowance for cost savings resulting from the DDT Act 2005, represents a reduction of \$19.7m from that assessment.

The reduction from that net liability estimate is principally a consequence of:

- An increase in the projected insurance recoveries owing to the inclusion of a separate allowance for public liability insurance recoveries;
- Emerging experience on reported claims being lower than estimated reflecting that claims which were pending are now estimated for amounts less than previously and that there were fewer claims reported in the period than was estimated and such claims will cost less than was previously estimated; and
- A lower assumed overall average cost per claim based on recent trends;

offset by

- A reduction in the proportion of claims which are expected to settle for nil cost; and
- An increase in the rate of claims inflation assumed based on recent emerging trends in average weekly earnings (AWE) inflation.



In addition, we have:

- Made an adjustment to rate of recovery from third parties (cross-claim recovery rate) based on recent emerging experience; and
- Made slight changes to settlement patterns based on more recent experience.

The following table shows an analysis of the change in our liability assessments from March 2005 to March 2006, including our 30 June 2005 assessment.

	March 2005 to June 2005	June 2005 to March 2006	March 2005 to March 2006
Net liability at start of valuation period	1,684.9	1,651.7	1,684.9
Expected net claims payments	17.3	48.3	65.6
Unwind of discount	23.6	63.3	86.9
Expected liability at end of valuation period	1,691.2	1,666.7	1,706.2
Change in discount rate	107.6	(55.5)	52.1
Expected net liability at end of valuation period adjusted for discount rate	1,798.8	1,611.2	1,758.3
Impact of Change in valuation bases:			
- Claim numbers	(107.5)	(3.2)	(110.7)
Nil settlement rate	18.1	36.6	54.7
Average claims costs	(26.3)	(38.3)	(64.6)
Claims inflation		44.1	44.1
Emerging experience on reported claims	(17.2)	(17.5)	(34.7)
Cross-claim recovery rate		(9.8)	(9.8)
Insurance Recoveries (including bad debt)		(28.6)	(28.6)
Other (Baryulgil, settlement patterns, DDB reimbursement)	(14.2)	(3.0)	(17.2)
Fotal development in net liability	(147.1)	(19.7)	(166.8)
Net liability at end of valuation period	1,651.7	1,591.5	1,591.5
Net liability at end of valuation period allowing for cost savings in NSW only	1,568.4	1,517.0	1,517.0
Net liability at end of valuation period allowing for cost savings Australia-wide	1,513.3	1,468.0	1,468.0

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#### **Claims and legal costs**

We have identified the elements of legal costs (defined as Claims Legal Costs) within our valuation.

#### Table E.3: Breakdown of components of net central estimate liabilities

		Net Liability at March 2006 \$m	Net Liability at June 2005 \$m		Net Liability at March 2005 \$m
Net claim costs (excl Claims Legal Costs)		1,190.6	1,222.2		1,249.2
Total Claims Legal Costs (plaintiff and defendant costs)		400.9	429.5		435.7
Net Liability before cost savings		1,591.5	1,651.7		1,684.9
	NSW Only	Australi a-wide	NSW Only	Australi a-wide	
Estimate of cost savings	(74.5)	(123.5)	(83.3)	(138.4)	n/a
Net Liability after savings	1,517.0	1,468.0	1,568.4	1,513.3	1,684.9
Claims Legal Costs after savings	326.4	277.4	346.2	291.1	435.7
Claims Legal Costs, as % of gross costs of settlements	22.8%	19.4%	24.2%	20.3%	29.9%
Claims Legal Costs, as % of net costs of settlements	27.4%	23.3%	28.3%	23.8%	34.9%

Note: The net present value of the Insurance Recoveries have been assessed as \$241.2m for the March 2006 valuation; \$209.8m for the June 2005 valuation and \$207.6m for the March 2005 valuation



#### **Final Funding Agreement calculations**

The Final Funding Agreement sets out the basis on which payments will be made to the Special Purpose Fund. Additionally, there are a number of other figures specified within the Final Funding Agreement that we are required to calculate. These are:

- Discounted Central Estimate: This is the central estimate of the present value of the liabilities of the Former James Hardie Companies and Marlew in respect of expected Proven Claims and Claims Legal Costs, after allowing for Insurance and Other Recoveries.
- Term Central Estimate: This is the central estimate of the present value of the liabilities of the Former James Hardie Companies and Marlew in respect of expected Proven Claims and Claims Legal Costs, in each case which are reasonably expected to become payable up to 31 March 2045, after allowing for Insurance and Other Recoveries.
- Period Actuarial Estimate: This is the central estimate of the present value of the liabilities of the Former James Hardie Companies and Marlew in respect of
  expected Proven Claims and Claims Legal Costs, in each case which are reasonably expected to become payable in the next three years, before allowing for
  Insurance and Other Recoveries.

#### Table E.4: Final Funding Agreement calculations (\$m): NSW cost savings

scenario

	Post cost savings (NSW only)
Discounted Central Estimate (net of cross-claim recoveries, Insurance and Other Recoveries)	1,517.0
Period Actuarial Estimate (net of cross-claim recoveries, gross of Insurance and Other Recoveries) comprising:	248.7
Discounted value of cashflow in 2006/07	80.6
Discounted value of cashflow in 2007/08	83.3
Discounted value of cashflow in 2008/09	84.8
Term Central Estimate (net of cross-claim recoveries, Insurance and Other Recoveries)	1,514.3

It should be noted that the actual funding required at a particular date will depend upon a number of factors, including:



- the net asset position of the Special Purpose Fund at that time;
- the free cash flow amount of the JHINV Group in the preceding financial year; and
- the actuarially assessed liabilities in the latest Annual Actuarial Report.

#### Uncertainty

Estimates of asbestos-related disease liabilities are subject to considerable uncertainty. This includes uncertainty due to:

- The difficulty in quantifying the extent and pattern of past Asbestos exposures and the number and incidence of the ultimate number of lives that may be affected by Asbestos related diseases arising from such past asbestos exposures;
- The propensity of individuals affected by diseases arising from such exposure to file common law claims against defendants;
- The extent to which the Liable Entities will be joined in such future common law claims;
- The fact that the ultimate severity of the impact of the disease and the quantum of the claims that will be awarded will be subject to the outcome of events that have not yet occurred, including:
  - medical and epidemiological developments;
  - jury decisions;
  - court interpretations;
  - legislative changes;
  - changes to the form and range of benefits for which compensation may be awarded ("heads of damage");
  - public attitudes to claiming;
  - the impact of new (and future) procedural reforms in NSW upon the legal costs incurred in managing and settling claims;
  - the potential for future procedural reforms in other States affecting the legal costs incurred in managing and settling claims in those States;
  - potential third-wave exposures; and
  - social and economic conditions such as inflation.



Valuation of the asbestos-related disease liabilities of the Liable Entities to be met by the Special Purpose Fund 31 March 2006

It should therefore be expected that the actual emergence of the liabilities will vary from any estimate. As indicated in Figure E.1, depending on the actual outturn of experience relative to that currently forecast the variation could potentially be substantial. Thus, no assurance can be given that the actual liabilities of the Liable Entities to be met by the Special Purpose Fund will not ultimately exceed the estimates contained in this report and that any such variation may be significant.

Given this, we provide the following sensitivity tests of the actuarial assessment of the liabilities to changes in some key assumptions.





<sup>\*</sup> The superimposed inflation sensitivity tests are for 6% per annum for 5 years reducing to 2% per annum; and 2% per annum for 5 years reducing to -2% per annum.

Whilst our combined sensitivity test of a number of factors (including superimposed inflation, average claim costs and numbers of claims) indicates a range around the central estimate of liabilities of -\$500m and +\$900m, the actual cost of liabilities could fall outside that range depending on the out-turn of the actual experience.


The above chart may imply that the single most sensitive assumption is potentially the peak year of claims. This is related to the fact that one of the most substantial uncertainties is the ultimate number of claims that may eventuate against the Liable Entities. Shifting the peak year by 5 years to 2015/2016 for mesothelioma would imply an increase in the future number of mesothelioma claims reported (both at a national level and to the Liable Entities) of around 50%.

#### **Data, Reliances and Limitations**

We have been provided with the following information by the MRCF and Amaca Claims Services ("ACS"):

- MRCF claims database at 28 February 2006 with individual claims listings;
- MRCF accounting database at 28 February 2006 (which includes individual claims payment details);
- Supplemental claims and accounting information from 1 March 2006 to 31 March 2006;
- MRCF Monthly Management Information Reports to 28 February 2006;
- MRCF Home Renovator Reports at various dates; and
- Detailed insurance bordereaux information (being a listing of claims filed with the insurers of the Liable Entities) provided by the MRCF as at 31 January 2006.

While we have tested the consistency of the various data sets provided, we have not otherwise verified the data and have relied on the data provided as being complete and accurate in all material respects. Consequently, should there be material errors or incompleteness in the data, our assessment could be affected materially.

#### **Executive Summary Not Report**

Please note that this executive summary is intended as a brief overview of our report. To properly understand our analysis and the basis of our liability assessment requires examination of our report in full.



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## **SCOPE AND PURPOSE**

#### Important Note: Basis of Report

This valuation report ("the Report") has been prepared by KPMG Actuaries Pty Limited (A.B.N. 77 002 882 000) ("KPMG Actuaries") in accordance with "A deed in respect of a Final Funding Agreement in respect of the provision of long-term funding for compensation arrangements for certain victims of Asbestos-related diseases in Australia" (hereafter referred to as "the Final Funding Agreement") between James Hardie Industries NV, LGTDD Pty Limited and the State of New South Wales which was signed on 1 December 2005. This Report is intended to meet the requirements of the Final Funding Agreement and values the asbestos-related disease liabilities of the Liable Entities to be met by the Special Purpose Fund (which will be named the Asbestos Injuries Compensation Fund). This Report is not intended to be used for any other purpose and may not be suitable, and should not be used, for any other purpose. Opinions and estimates contained in the Report constitute our judgement as of the date of the Report.

The Report has made allowance for an estimate of the cost savings anticipated to arise as a result of the recent enactment of The Dust Diseases Tribunal Amendment (Claims Resolution) Act 2005 in New South Wales ("the DDT Act 2005").

In preparing the Report, KPMG Actuaries has relied on information supplied to it from various sources and has assumed that that information is accurate and complete in all material respects. KPMG Actuaries has not independently verified the accuracy or completeness of the data and information used for this Report.

Except insofar as liability under statute cannot be excluded, KPMG Actuaries, its directors, employees and agents will not be held liable for any loss or damage of any kind arising as a consequence of any use of the Report or purported reliance on the Report including any errors in, or omissions from, the valuation models.

The Report must be read in its entirety. Individual sections of the Report, including the Executive Summary, could be misleading if considered in isolation. In particular, the opinions expressed in the Report are based on a number of assumptions and qualifications which are set out in full in the Report.



#### 1.1 Introduction

#### 1.1.1 Chronology of events

In February 2001, the Medical Research & Compensation Foundation ("MRCF") was established as a charitable trust to meet the asbestos-related liabilities of two former subsidiaries of the James Hardie Group of Companies, namely Amaca Pty Ltd (formerly James Hardie & Coy) and Amaba Pty Ltd (formerly Jsekarb).

In February 2004, the NSW Government established the Special Commission of Inquiry into the Establishment of the MRCF. In September 2004, one of the findings of the Inquiry was that the MRCF was under-funded insofar as it would not have sufficient assets to meet its expected future obligations.

During the Special Commission of Inquiry, James Hardie Industries NV ("James Hardie") made an offer to fund the liabilities of the Liable Entities subject to certain conditions and shareholder approval. Subsequent to the Special Commission of Inquiry's findings, negotiations began to establish the basis on which the funding may take place.

A "Heads of Agreement" was signed on 21 December 2004 between James Hardie, the ACTU, a representative of the Asbestos Victims Groups, UnionsNSW and the NSW Government. This was a non-binding agreement which set out the principles upon which the Final Funding Agreement would be based.

The Final Funding Agreement was signed by James Hardie and the NSW Government on 1 December 2005 and will, subject to lender and shareholder approval and the meeting of all of the Conditions Precedent, provide a basis for the ongoing funding of those asbestos-related disease liabilities which are intended to be met by the Special Purpose Fund.

#### 1.1.2 Liability assessments undertaken by KPMG Actuaries

KPMG Actuaries Pty Ltd ("KPMG Actuaries") was retained by James Hardie and Allens Arthur Robinson ("AAR") during the Special Commission of Inquiry to provide an assessment of the asbestos-related disease liabilities of the MRCF at 30 June 2003.

Within the valuation as at 30 June 2003, KPMG Actuaries estimated the discounted value of the quantifiable liabilities of the MRCF on a "central estimate" basis as \$1,573.4m (equivalent to an undiscounted estimate of \$3,403.1m), based on the then current economic and legal environment, net of insurance recoveries and after allowance for claims-related legal costs.



Since that time, KPMG Actuaries has been retained to provide updated assessments of the liabilities at various dates.

The following table shows the valuation assessments made by KPMG Actuaries.

## Table 1.1: Summary of valuation assessments by KPMG Actuaries

Valuation Date	Based on data as at	Report release date	Discounted Central Estimate (\$m)	Undiscounted central estimate (\$m)
30/06/03	30/06/03	07/06/04	1,573.4	3,403.1
30/06/04	18/10/04	21/11/04	1,536.0	3,585.6
31/03/05	31/03/05	14/05/05	1,684.9	3,603.7
30/06/05 (a)	24/06/05	01/12/05	1,568.4	3,131.0
31/03/06 (b)	28/02/06(c)	15/05/06	1,517.0	3,079.2

Notes:

(a) The valuation at 30 June 2005 included an allowance for cost savings in NSW. The relevant discounted and undiscounted figures, before cost savings, are \$1,651.7m and \$3,306.0m respectively.

(b) The valuation at 31 March 2006 includes an allowance for cost savings in NSW. The relevant discounted and undiscounted figures, before costs savings, are \$1,591.5m and \$3,241.7m respectively.

(c) The valuation has included supplemental claims and accounting information to 31 March 2006.

The precise scope of the liability assessment of the various historic reports has varied, including varying from the scope of this Report which quantifies the liabilities which are to be met by the Special Purpose Fund as set out in the Final Funding Agreement. Accordingly, comparison between the various estimates of liabilities requires some care and should be regarded as indicative only.

## 1.2 Purpose of this report

Both the Heads of Agreement and the Final Funding Agreement envisage the completion of an Annual Actuarial Report evaluating the potential asbestos-related disease liabilities of the Liable Entities to be met by the Special Purpose Fund.



### 1.2.1 Liable Entities

The Liable Entities are defined as being the following entities:

- Amaca Pty Ltd (formerly James Hardie & Coy);
- Amaba Pty Ltd (formerly Jsekarb); and
- ABN60 Pty Ltd (formerly James Hardie Industries Ltd).

The Board of James Hardie have agreed that personal asbestos claims liabilities arising out of mining activities at Baryulgil will also be met by the Special Purpose Fund (these liabilities are referred to in the Final Funding Agreement as liabilities in relation to Marlew Claims).

#### 1.2.2 Personal asbestos claims

Under the Final Funding Agreement, the liabilities to be met by the Special Purpose Fund relate to personal asbestos-related disease liabilities of the Liable Entities.

Such claims must relate to exposure which took place in Australia and which have been brought in a Court in Australia.

The precise scope of the liabilities is detailed in Section 1.3 and in Appendix H.

## 1.2.3 Purpose of report

KPMG Actuaries has been retained by James Hardie to provide the first Annual Actuarial Report as envisaged under the Final Funding Agreement. The prior written consent of KPMG Actuaries is required for any other use of this report or the information contained in it.

Our valuation is intended to be effective as at 31 March 2006 and has been based on claims data and information provided as at 28 February 2006, together with supplemental claims information as at 31 March 2006 provided to us by Amaca Claims Services ("ACS").

The Medical Research and Compensation Foundation, Amaca Pty Limited and Amaba Pty Limited are not responsible for, and did not request, the preparation of this report.

Nonetheless, the MRCF have requested to see, and will be provided with, a copy of this report.

We thank the MRCF and ACS for the provision of the data, the availability of their staff and for their general assistance and co-operation.



## 1.3 Scope of report

We have been requested by James Hardie to provide an actuarial assessment as at 31 March 2006 of the asbestos-related disease liabilities of the Liable Entities to be met by the Special Purpose Fund.

The assessment is on a central estimate basis and is based on the claims experience to 28 February 2006, together with supplemental claims information as at 31 March 2006. The Discounted Central Estimate takes into account the anticipated cost savings arising from the procedural reforms resulting from the DDT Act 2005.

A "central estimate" liability assessment is an estimate of the expected value of the range of potential future liability outcomes. In other words, if all the possible values of the liabilities are expressed as a statistical distribution, the central estimate is an estimate of the mean of that distribution. The central estimate liability represents the expected present value of the future asbestos-related claim payments by the Liable Entities in relation to future Proven Claims and Claims Legal Costs to be met by the Special Purpose Fund.

It is of note that our liability assessment:

- Relates to the Liable Entities and Marlew (in relation to Marlew Claims arising from asbestos mining activities at Baryulgil);
- Is intended to cover:
  - The amount of settlements, judgments or awards for all Personal Asbestos Claims.
  - Claims Legal Costs incurred by the Special Purpose Fund in connection with the settlement of Personal Asbestos Claims.
- Is not intended to cover:
  - Personal injury or death claims arising from exposure to asbestos which took place outside Australia.
  - Personal injury or death claims, arising from exposure to Asbestos, which are brought in Courts outside Australia.
  - Claims for economic loss, other than any economic loss forming part of an award for damages for personal injury and/or death.
  - Claims for loss of property, including those relating to land remediation.



- The costs of asbestos or asbestos product removal relating to asbestos or asbestos products manufactured or used by or on behalf of the Liable Entities.
- Includes an allowance for:
  - Compensation to the NSW Dust Diseases Board or a Workers Compensation Scheme by way of a claim by such parties for contribution or reimbursement from the Liable Entities, but only to the extent that the cost of such claims is less than the limits of funding for such claims as outlined within the Final Funding Agreement.
  - Workers Compensation claims, being claims from current and former employees of the Liable Entities, but only to the extent that such liabilities are not met by a Workers Compensation Scheme or Policy (see section 1.3.1).
- Assumes that the product and public liability insurance policies of the Liable Entities will continue to respond to claims as and when they fall due. We have not made any allowance for the impact of any disputation concerning Insurance Recoveries nor of any legal costs that may be incurred in resolving such disputes.
- Makes no allowance for potential Insurance Recoveries that could be made on insurance contracts placed from 1986 onwards which were placed on a "claims made" basis.
- Makes no allowance for the future Operating Expenses of the Liable Entities or the Special Purpose Fund.
- Assumes a continuation of the existing legal environment in relation to claims settlements.
- Makes no additional allowance for the inherent uncertainty of the liability assessment. That is, no additional provision has been included in excess of a central estimate.
- Makes allowance for an estimate of the potential savings arising from the procedural reforms in NSW resulting from the enactment of the DDT Act 2005 which became an Act on 26 May 2005 and had been substantially proclaimed and became effective on 1 July 2005.

Readers of this report may refer to our previous reports (as set out in Section 1.1.2) which are available at www.ir.jameshardie.com.au.



## 1.3.1 Workers Compensation

Workers Compensation claims are claims made by current and former employees of the Liable Entities. Such past, current and future reported claims were insured with, amongst others, Allianz Australia Limited ("Allianz") and the various State-based Workers Compensation Schemes.

Under the Final Funding Agreement, the part of future Workers Compensation claims that are met by a Workers Compensation Scheme or Policy of the Liable Entities are outside of the Special Purpose Fund. The Special Purpose Fund is, however, to provide for any part of a claim not covered by a Workers Compensation Scheme or Policy (e.g. as a result of the existence of limits of indemnity and policy deductibles on those contracts of insurance).

On this basis our liability assessment in relation to Workers Compensation claims and which relates to the Special Purpose Fund, includes only the amount borne by the Liable Entities in excess of the anticipated Insurance Recoveries.

In making our assessment we have assumed that the Workers Compensation insurance programme will continue to respond to claims by current and former employees of the Liable Entities as and when they fall due. To the extent that they were not to respond owing to (say) insurer insolvency, insurer guarantee funds should be available to meet such obligations.

#### 1.3.2 ABN60 Liability

Overall our current assessment is that the asbestos-related disease liabilities of ABN60 are not material within the context of the overall liability of the Liable Entities. We have formed this view based on the following considerations.

To date, there have been 97 claims filed against ABN60 or James Hardie Industries Limited, of which 3 were filed in 2001/02, 1 filed in 2002/03 and 2 filed in 2004/05. To our knowledge there have been no claims filed against ABN60 in 2005/06.

We note that the claims against ABN60 have been in relation to:

- Claims by former employees of JHIL employed prior to 1937 (9);
- New Zealand claims (15);
- Cross-claims by Pacific Power (37);
- Claims from Baryulgil (9); and



## • Other cross-claims (27).

We understand many of these claims (particularly from New Zealand, Pacific Power and Baryulgil) have not resulted in any judicial determination of liability against ABN60 and that the level of cost arising from these claims has been relatively insubstantial. In terms of employee claims the latest date of exposure should be 1937.

There remain 2 open claims (relating to one claimant) and the judgment on this case is expected to be handed down later this year.

1.3.3 Baryulgil

In light of the agreement by the Board of James Hardie to incorporate claims arising from mining activities at Baryulgil (called "Marlew Claims" in the Final Funding Agreement) into the Special Purpose Fund, where they are not otherwise recoverable from other sources, we have made allowance for the potential liabilities arising from exposure at Baryulgil, specifically:

- Claims made against Amaca or ABN60 resulting from their past ownership of the mine, or in the case of Amaca also in relation to their joint venture with Wunderlich, are to be covered by the Special Purpose Fund.
- Claims made against the subsequent owner of the mine (following its sale by James Hardie Industries to Woodsreef in 1976), being Marlew Mining Pty
  Ltd ("Marlew") which is in liquidation, are to be met by the Special Purpose Fund except where such claims are Excluded Marlew Claims, which are
  recoverable by the Claimant from other sources.

Baryulgil claims are discussed further in Section 8.11.

1.3.4 Risk Margins

It has been common practice for insurance companies, and in some cases non-insurance companies, to hold claims provisions at a level above the central estimate basis to reflect the uncertainty attaching to the liability assessment and to include an allowance in respect of that uncertainty.

A risk margin is an additional amount held, above the central estimate, which is held so as to increase the likelihood of adequacy of the provisions to meet the ultimate cost of settlement of those liabilities.

We have not provided an assessment of any risk margins to supplement the central estimate of the liabilities.



We have, however, provided sensitivity tests on the central estimate of the liabilities based upon a range of different scenarios. This has been addressed in Section 13.

We note in this context that the Final Funding Agreement envisages the ongoing financing of the Special Purpose Fund is to be based on a "central estimate" approach and that the Annual Actuarial Report should provide a Discounted Central Estimate valuation.

1.3.5 Cost savings

Our 31 March 2006 liability assessment includes an allowance for an estimate of the future cost savings anticipated from the procedural reforms in NSW arising from the enactment of the DDT Act 2005 in NSW.

The DDT Act 2005 was introduced following the NSW Government Review which was conducted by Mr Laurie Glanfield AM, Director-General of the Attorney General's Department and Ms Leigh Sanderson, Deputy Director-General of the Cabinet Office. This Review made a number of recommendations aimed at improving the efficiency of the litigation process.

These recommendations were incorporated into the DDT Act 2005 which became an Act on 26 May 2005 and became effective on 1 July 2005.

Our report makes allowance for the impact of the DDT Act 2005 applying in NSW. However, we have also been asked to quantify the potential impact if reforms similar to the DDT Act 2005 are applied in the other States. Throughout this report we refer to "Australia-wide" or "DDT Act 2005 applying nationally" in this regard.

We note that technically and legally the DDT Act 2005 cannot apply in the other States and readers should note that our comments are a short-hand way of expressing the impact of the application, where appropriate, of similar reforms to those enacted under the DDT Act 2005.

To date, there has been insufficient number of claims settled under the new procedures from which to make a revised determination of the potential savings in NSW from the DDT Act 2005 and we have accordingly maintained the methodology previously used to estimate the potential savings.



## 1.4 Areas of potential exposure not included

As identified in Section 1.3, there are other potential sources of claims exposure beyond those directly considered within this report. However, while many of them are possible they are by no means certain and in a number of cases they are unquantifiable even if they have the potential to generate claims. This is especially the case for those sources of future claim where there has been no evidence of claims to date.

Areas of potential changes in claims exposure we have not explicitly allowed for in our valuation include:

- Future significant individual landmark and precedent-setting judicial decisions;
- Significant medical advancements;
- Unimpaired claims, i.e. claims for fear, stress, pure nervous shock or psychological illness;
- A change in the basis of compensation for asymptomatic pleural plaques for which no associated physical impairment is exhibited;
- A proliferation of "third-wave" claims, i.e. claims arising as a result of indirect exposure such as home renovation, washing clothes of family members
  that worked with asbestos, or from workers involved in removal of asbestos or demolition of buildings containing asbestos;
- Changes in legislation, especially those relating to tort reform for asbestos sufferers;
- Introduction of new, or elimination of existing, heads of damage;
- Exemplary and aggravated or punitive damages (being damages awarded for personal injuries caused as a result of negligence or reckless conduct);
- Changes in the basis of apportionment of awards for asbestos-related diseases for claimants who have smoked;
- Changes in the basis of compensation following the recent court case relating to the compensability of Sullivan vs. Gordon damages, CSR vs. Eddy (2005) HCA 64, or following the announcement by the NSW Government that they are introducing changes to the Civil Liability legislation ("Civil Liability Amendment Bill 2006") which will have the effect of reintroducing some Sullivan vs. Gordon benefits into dust diseases compensation;



- Any changes to GST or other taxes; and
- Future bankruptcies of other asbestos claim defendants (i.e. other liable manufacturers or distributors).

Nonetheless, some implicit allowance is made in respect of some of these items in the allowance for superimposed inflation included in our liability assessment and to the extent that some of these have emerged in past claims experience.

We have made no allowance for the risk of further development in relation to New Zealand exposures and the rights of claims from New Zealand claimants in Australian courts (as per Frost vs. Amaca Pty Ltd (2005), NSWDDT 36 although we understand this decision is under appeal) nor for the risk of additional exposures from overseas. This is because, as noted in Section 1.3, the Special Purpose Fund will not meet the cost of these claims as they are Excluded Claims.

We discuss these matters further in Section 3.2.1.

#### 1.5 Data reliances and limitations

KPMG Actuaries has relied upon the accuracy and completeness of the data with which it has been provided. KPMG Actuaries has not verified the accuracy or completeness of the data, although we have undertaken steps to ensure its consistency with data previously received. However, KPMG Actuaries has placed reliance on the data previously received, and currently provided, as being accurate and complete in all material respects.

Our assessment of the asbestos-related disease liabilities of the Liable Entities does not have regard to the way in which the liabilities may be funded by James Hardie or the Special Purpose Fund. Depending on how the liabilities are funded or financed, including the earnings experience of any assets held to back the liabilities, the ultimate cost of meeting the liabilities may vary significantly from the liability amounts shown in this report.



## 1.6 Uncertainty

It must be understood that estimates of asbestos-related disease liabilities are subject to considerable uncertainty. This is due to the fact that the ultimate disposition of future claims, whether reported or not, will be subject to the outcome of events that have not yet occurred. Examples of these events, as noted in Section 1.4, include jury decisions, court interpretations, legislative changes, epidemiological developments, medical advancements, public attitudes, potential third-wave exposures and social and economic conditions such as inflation.

It should therefore be expected that the actual emergence of the liabilities will vary, perhaps materially, from any estimate. Thus, no assurance can be given that the actual liabilities of the Liable Entities to be met by the Special Purpose Fund will not ultimately exceed the estimates contained herein and that any such variation may be significant.

Nonetheless, we provide our best estimates based on our current expectations of future such events.

#### 1.7 Distribution and use

The purpose of this report is as stated in Sections 1.2 and 1.3. This report should not be used for any purpose other than those specified.

This report is to be provided to the Board of James Hardie. We also understand this report will be provided to other professional advisers to James Hardie, and to PricewaterhouseCoopers in their capacity as auditors to James Hardie.

KPMG Actuaries notes that this report will also be provided to the NSW Government and its advisers.

KPMG Actuaries provide our consent for this report to be made available in its entirety to the above-mentioned parties, and for it to be filed with the ASX and placed on James Hardie's website in its entirety.

To the extent permitted by law, KPMG Actuaries will not be responsible to third parties for the consequences of any actions they take based upon the opinions expressed within this report, including any use of or purported reliance upon this report not contemplated in Sections 1.2 and 1.3.



Where distribution of this report is permitted by KPMG Actuaries, the report may only be distributed in its entirety and judgements about the conclusions and comments drawn from this report should only be made after considering the report in its entirety and with necessary consultation with KPMG Actuaries.

## 1.8 Author of the report

This report is signed by Richard Wilkinson, General Insurance Practice Leader of KPMG Actuaries, a Fellow of the Institute of Actuaries (London) and a Fellow of the Institute of Actuaries of Australia.

This report is co-signed by Greg Martin, Managing Director of KPMG Actuaries and a Fellow of the Institute of Actuaries of Australia, in his capacity as peer reviewer.

#### 1.9 Professional standards and compliance

This report details a valuation of the outstanding claims liabilities of entities which hold liabilities with features similar to general insurance liabilities as a self-insured entity, and which has purchased related insurance protection.

This report complies with the current version of Professional Standard 300 of the Institute of Actuaries of Australia ("PS300"), "Actuarial Reports and Advice on General Insurance Technical Liabilities". The effective date of the current version of PS300 is April 2002.

However, as we note in Section 1.3, this report does not include an allowance for the future Operating Expenses of the Liable Entities or the Special Purpose Fund and nor does it include any allowance for a risk margin to reflect the inherent uncertainty in the liability assessment.



# 2 EXPOSURE HISTORY OF JAMES HARDIE'S FORMER SUBSIDIARIES<sup>1</sup>

#### 2.1 Overview

In 1916, James Hardie opened its first asbestos factory at Camellia in Sydney. Between 1916 and 1987, James Hardie and its subsidiaries produced and developed a variety of products including:

- Asbestos cement pipes;
- Asbestos cement sheeting and building products;
- Lagging and other insulation products; and
- Brake linings and other friction products.

#### 2.2 Baryulgil mining activities<sup>2</sup>

Asbestos Mines Pty Limited owned and operated a small chrysotile (white asbestos) mine at Baryulgil NSW. We understand the history of the Baryulgil mine to be briefly as follows:

## Table 2.1: History of Baryulgil mine

- 1940 Wunderlich Ltd begins developing the asbestos deposits.
- 1944 Wunderlich Ltd and James Hardie & Coy (now Amaca Pty Ltd) commence a joint venture to operate the mine at Baryulgil in the name of Asbestos Mines Pty Ltd.
- 1953 James Hardie & Coy purchases the remaining 50% interest in Asbestos Mines Pty Ltd from Wunderlich Ltd.
- 1954 Ownership of Asbestos Mines Pty Ltd is transferred to James Hardie Asbestos Ltd (subsequently renamed James Hardie Industries Ltd and now known as ABN60)
- 1976 Asbestos Mines Pty Ltd, later Marlew Mining Pty Ltd (now in liquidation), is sold by James Hardie Asbestos Ltd to Woodsreef Mines Ltd, which continued to operate the mine.
- 1979 Woodsreef ceased mining operations at Baryulgil.
- 1 This section is substantially based on a paper submitted to the Special Commission of Inquiry and was included as the Special Commission of Inquiry Appendix J, Paper entitled "James Hardie and Asbestos" (15 January 2001) prepared by Mr Wayne Attrill, a former employee of James Hardie Industries Ltd.
- <sup>2</sup> This section is substantially based on the press release from James Hardie dated 24 March 2005 and on workforce statistics and information we were provided with.



It has been stated that the Baryulgil mine workforce was never more than approximately 40 people at any one time and that through the early 1940s to the closure of the mine in 1979 the employees included approximately 350 people in aggregate.

The chart below shows the number of person years of exposure for workers in each year based on the data provided and agreed upon during the Parliamentary Inquiry in 1984.



## Figure 2.1: Person years of exposure by year of exposure for Baryulgil mine workers: 1944 to 1979

It can be seen that there appears to be a spike in 1955. We believe this is due to some prior data in relation to the workers' period of employment not being available and a dummy value (1955) being adopted in the database of workers submitted to the Parliamentary Inquiry.

What this means is that the number of workers in 1955 is over-stated and those in prior years is likely to be under-stated slightly.



The chart shows that there were up to 40 people working in the mine each year, and an overall average of 20-25 people, which is consistent with the commentary provided by James Hardie. The database also shows that there were about 350 workers who ever worked at the mine. This implies that over the 35 year period, the average length of service was about 2 years per individual. However, we note that there are some workers who worked at the mine for only a matter of weeks.

#### 2.3 Asbestos cement

Production of asbestos cement based products was James Hardie & Coy's primary business. The products it produced came in the form of building products and asbestos cement pipes.

Production of asbestos cement pipes began in 1926 but the use of asbestos cement pressure pipes for water and sewerage use did not become widespread until autoclaving of pipes was introduced in the early 1950s.

Prior to the mid-1980s, James Hardie & Coy manufactured flat and corrugated asbestos cement sheets for internal and external wall cladding in buildings and for roofs, and asbestos cement water and sewer pipes.

The major fibre used in the manufacture of asbestos cement products was chrysotile.

Amosite (brown asbestos) was not used in James Hardie & Coy products until the 1950s, and small quantities of amosite continued to be used in asbestos cement products until about 1980.

James Hardie & Coy also used crocidolite (blue asbestos) in pressure pipes and building products, such as roofing products, from the mid-1950s until about 1968. The crocidolite was sourced from the CSR mine at Wittenoom.

Asbestos content of pipes was approximately 15% of which about 12% was chrysotile and the remainder amosite. During the period 1956-1968, crocidolite was also used (about 2%).

The asbestos content of James Hardie & Coy's asbestos cement sheet ranged from 8% to 15%, and was predominantly chrysotile with small amounts of amosite and crocidolite, with crocidolite only used up to 1968.

## 2.4 Insulation products

Asbestos containing insulation products were first manufactured by James Hardie & Coy in the 1930s, and by the 1950s James Hardie & Coy had established itself in the market with a product called 85% Magnesia.





In 1964 James Hardie & Coy formed a joint venture with CSR and Bradford Insulation known as Hardie-BI Company to make and market insulation products.

Major products products produced were 85% Magnesia and K-Lite. Both products contained about 15% amosite. The partnership was dissolved in 1974 and James Hardie & Coy ceased production of asbestos thermal insulation products at that time.

#### 2.5 Brake linings

James Hardie & Coy had initially entered the brakes and friction products market in the early 1930s and had a well-established business by 1950 under the brand name "Five Star".

In 1963 James Hardie & Coy entered into the Hardie-Ferodo joint venture with Ferodo of the UK. Hardie-Ferodo carried out considerable product development work, particularly with regard to railway rolling stock brakes. The partnership dissolved in 1978 and the business was renamed Better Brakes (and later became known as Jsekarb).

Jsekarb manufactured brake linings for motor vehicles, railway wagons and locomotives, and ceased using asbestos in their manufacturing process in 1987.

The only asbestos used in friction products was chrysotile.



#### 3 AREAS OF POTENTIAL EXPOSURE

#### 3.1 Overview

In Section 1.4, we identified some sources of exposure and uncertainty that may not explicitly, or implicitly, be factored into our valuation. The impact of the emergence of these might be to increase, or decrease, the future number of claims or the overall costs in relation to the liabilities of the Liable Entities.

#### 3.2 Potential changes to the number of future claims

#### 3.2.1 Overseas exposures

Whilst overseas claims remain a source of potential exposure for the Liable Entities, they will not impact the liabilities of the Liable Entities to be met by the Special Purpose Fund as the Special Purpose Fund will not meet claims relating to:

- Exposure to asbestos to the extent it took place overseas; and/or
- Claims made overseas relating to asbestos exposure (regardless of the place of exposure).

# Claim 3.2.2 Third-wave claims

We have made some implicit allowance for so-called "third-wave" claims. These are claims for personal injury and / or death arising from asbestos exposure during home renovations by individuals or to builders involved in such renovations. Such claims are allowed for within the projections to the extent to which they have arisen to date and to the extent our exposure model factors in such tertiary exposures in its extrapolation.

Nonetheless, we have not allowed for a surge in such claims in the future arising from renovations, but conversely we have not allowed for a tempering of those thirdwave claims included within our projection as a result of improved education of individuals of the risks of such home renovations, or of any local Councils or State Governments passing laws in this regard.

However, it should be noted that claims for the cost of asbestos or asbestos product removal from homes and properties or any claims for economic loss arising from asbestos or asbestos products being within such homes and properties will not be met by the Special Purpose Fund.



#### 3.2.3 Unimpaired claims

Unimpaired claims are claims made by plaintiffs where the plaintiff does not exhibit any physical symptoms of injury or damage. This would include claims for fear and stress.

We have not allowed for the admissibility of "unimpaired claims" within the Australian Court system.

In the case of *Thompson vs. CSR* (NSWDDT 7/2003), the estate of Mr Thompson made a retrospective claim for fear of contracting mesothelioma 14 years before onset. In this case, Judge O'Meally ruled that the fear was not compensable. The NSW Court of Appeal ((2003) 59 NSWLR 77) upheld that fear was not compensable.

This case was appealed by the estate of Mr Thompson to the High Court of Australia (where it became CSR vs. Eddy) but the issue of whether fear was compensable was not the subject of that appeal.

3.2.4 Pure nervous shock claims

"Pure" nervous shock claims are claims which are unrelated to an underlying disease. Where there is a psychiatric illness, general damages may be payable and economic loss may also be payable where the inability to work is a result of the psychiatric illness.

In Western Australia in October 2004, an appeal case concerning Arturo Della Maddalena, a past employee of CSR at Wittenoom mine was heard. Mr Della Maddalena worked at Wittenoom, owned by CSR, from 1961 until it closed in 1966. During this period he was exposed to blue asbestos dust.

An investigation of 42 of Mr Della Maddalena's former workmates found 39 of them had died from asbestos-related diseases.

In the first Court hearing, the primary judge's determination was that he did not accept there to be evidence of psychiatric illness, or evidence that it arose from asbestos exposure.

However, on appeal the second judge rejected the primary judge's decision as to the acceptability of the evidence placed before him. The Court of Appeal accepted Mr. Maddalena's claim for psychiatric illness.

The defendants to the claim appealed the case to the High Court of Australia on two narrow points of law:

Whether an appellate court is entitled to substitute its own findings as to the credibility of a witness for that of the trial judge; and



• Whether the appellate court had breached procedural fairness in expressing a preference for evidence of a particular expert witness described as being "well known to the Court".

The outcome of that appeal was that a new trial has been ordered, so it is possible that further judicial consideration will be given to this question if the matter is put before the courts again.

To the extent that other such cases arise in the future, in many cases they would likely represent a bringing forward of some future eventual claims, rather than outright additional claims.

We have assumed that stress or fear from potential exposure, which is not accompanied by a disease, will not result in a material additional net cost of claims for compensation.

## 3.2.5 Pleural plaques

Pleural plaques are formations of scarred tissue which form on the inside of the chest wall. They usually take about 20 years to emerge following exposure to asbestos but symptoms are rarely associated with pleural plaques. Current medical opinion is that pleural plaques do not shorten life and that their existence does not increase the possibility of developing an asbestos-related disease but rather acts as an indicator that exposure to asbestos has taken place.

If an individual presents benign pleural plaques without any demonstrable physical impairment, the individual would not currently be compensated within Australia for the existence of pleural plaques. Our liability assessment makes no allowance for benign pleural plaque claims without any associated physical impairment.

However, scarring which is associated with a certain level of physical impairment, such as reduced "total lung capacity" or "forced vital capacity", or diffuse pleural thickening would currently be compensated within Australia.

Such claims have arisen in the past and are included within our disease category "ARPD & Other". Accordingly, we have allowed for these within our liability assessment.



#### 3.3 Potential changes to claims costs

#### 3.3.1 Legal environment

We have not explicitly allowed for the emergence of new heads of damage or the significant extension of current heads of damage, or for any overturn or restriction of current heads of damage.

However, allowance for these is, in part, implicit within the rate of superimposed inflation we have assumed.

#### 3.3.2 Sullivan vs. Gordon

The decision in Sullivan vs. Gordon (1999) 47 NSWLR 31, [1999] NSWCA 338 allowed a plaintiff to claim compensation for the value of the services which the plaintiff could no longer perform to family members as a result of their injury, incapacity and/or death.

Benefits could be claimed for past and future loss, including post-death gratuitous services, based on a normal life expectancy of the individual and not to the actual date of death.

However, on 21 October 2005, the High Court of Australia passed down its decision in CSR vs. Eddy [2005] HCA64 in which it overruled Sullivan vs. Gordon and determined that such losses, if compensable, would already be compensated as general damages rather than being compensable as a separate head of damage. The High Court accordingly reduced the claim from \$465,899 to \$300,419 (a reduction of \$165,480).

On 28 November 2005 the Attorney-General for South Australia, Michael Atkinson announced that there would be legislative reform in South Australia in relation to dust diseases claims. The Dust Diseases Act 2005 (SA) Bill was proclaimed on 8 February 2006, and the Bill indicated that the South Australian reforms would overturn the decision in CSR vs. Eddy.

Were the decision in CSR vs. Eddy to be applied in the future for claims involving mesothelioma and lung cancer, a significant proportion of Sullivan vs. Gordon benefits could be eliminated and some degree of savings would emerge. For diseases which do not shorten life expectancy so substantially (asbestosis, ARPD & Other), the reduction arising from the removal of Sullivan vs. Gordon would be proportionately less.



In this regard, we note that Sullivan vs. Gordon benefits have historically averaged around \$40,000 for a typical mesothelioma claim, with an average overall award of around \$400,000. Therefore, the amount of the liability which relates to Sullivan vs. Gordon benefits is estimated to be of the order of \$150m.

We understand that the NSW Government is introducing changes to the Civil Liability legislation ("Civil Liability Amendment Bill 2006") which will have the effect of overturning the CSR vs. Eddy decision and reinstate Sullivan vs. Gordon benefits in relation to dust diseases compensation, albeit at levels which are anticipated to be reduced relative to those which existed prior to the CSR vs. Eddy decision, owing to the inclusion of a "minimum hours" threshold of 9 hours per week.

Our approach has been to make no allowance for the potential savings that could result from the decision in CSR vs. Eddy owing to the introduction of the changes to the Civil Liability legislation by the NSW Government. We have therefore assumed that Sullivan vs. Gordon benefits are to be reinstated.

Whilst it is possible that some future savings may result from the imposition of thresholds, an estimate of such savings is currently too subjective and not yet quantifiable.

#### 3.3.3 Dust Diseases Board and Other Reimbursements

In respect of the NSW Dust Diseases Board, there exists a right under Section 8E (Reimbursement Provisions) of the Dust Diseases Act 1942 for the Dust Diseases Board ("DDB") to recover certain costs from common law defendants, excluding the employer of the claimant.

This component of cost is implicitly included within our liability assessment as the claims awards made in recent periods and in recent settlements contain some allowance for DDB reimbursement where applicable. Furthermore, currently reported open claims have allowance within their case estimates for the costs of DDB reimbursement where relevant and applicable.

The Final Funding Agreement indicates that the Special Purpose Fund is intended to meet Personal Asbestos Claims and that claims by the DDB or a Workers Compensation Scheme for reimbursement will only be met up to a certain specified limit, being:

• In the first financial year of the Special Purpose Fund a limit of \$750,000 will apply;



- In respect of each future financial year, that limit will be indexed in line with the Consumer Price Index;
- There will be an overall aggregate cap of \$30m.

Owing to the inclusion of past DDB payments in historic claims data, and given the absence of sufficiently detailed "head of damage" claim data to separate the components of past DDB reimbursements from historic claims awards, it is impractical for us to separately model this component of claims cost within our liability assessment by direct assessment.

We have therefore estimated the component of product and public liability claims awards which relate implicitly to DDB reimbursements by approximate methods.

In arriving at our estimate of the allowance contained within the historic claims data for the DDB reimbursement costs, we have considered the following facts:

- The proportion of claims which are heard in NSW is currently around 45%;
- Of this, 36% relate to claims with some form of exposure in NSW;
- In addition, 2% of all claims have NSW exposure but are heard in other States at present;
- Therefore approximately 38% of all claims relate to NSW exposure;
- We cannot ascertain with certainty the proportion of these claims that will involve a worker claim or will involve subrogation from the DDB. However, it is likely that most worker-related claims will have entered the DDB first and received statutory compensation. We have estimated that 50% of all NSW exposure claims will be worker claims and have received compensation in the DDB. This is based on consideration of the relative size of the NSW workforce to the NSW population and recognition that the DDB does not provide compensation to:
  - Claimants whose exposure did not arise during their employment (non-occupational exposures); and
  - Claimants whose exposure took place outside NSW.



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The average DDB payment by the Liable Entities on recent mesothelioma claims with a DDB payment, and on open claims with a DDB reserve, is \$25,000 per claim. That is, around 8% of the claim cost of a typical mesothelioma claim.

Accordingly, we have assessed the reimbursement component as 1.5% of gross product and public liability claims costs, being 38% x 50% x 8%.

We have calculated the implicit reimbursement component otherwise included within our liability assessment and applied the capping rules outlined above to determine the projected payments in relation to reimbursements that will be met by the Special Purpose Fund.

The cashflow and liability figures contained within this report have already removed that component of reimbursements that will not be met by the Special Purpose Fund. We estimate that the reimbursement amounts, without any cap, have a net present value of \$22.9m but that \$7.8m of this will not be met by the Special Purpose Fund owing to the capping rules outlined above.

#### 3.3.4 Exemplary and aggravated or punitive damages

To date, there have been no awards for exemplary or punitive damages against the Liable Entities as a result of asbestos-related disease claims.

To the extent that such awards are possible and could arise in the future such awards would increase the liability assessment.

Of particular note is the South Australian legislation, The Dust Diseases Act 2005 (SA) Bill, which directs the Courts to consider exemplary damage awards.

We have made no allowance for this, and further note that in relation to the potential for exemplary damage awards in other States, the liability that could arise, or would arise were such claims to eventuate, is unquantifiable and has not been included in our liability assessment.

## 3.3.5 Smoking-related diseases

There have been some notable cases involving the emergence of lung cancers from people with asbestos exposure but who have also smoked cigarettes.

There are two prevailing views of the interaction of smoking and asbestos exposure:



- That the emergence of asbestosis is a necessary precursor to lung cancer caused by asbestos exposure ("the necessary precursor hypothesis" as put forward by Hans Weill amongst others).
- That providing there has been exposure to asbestos sufficient to cause asbestosis it is reasonable to attribute a causal contribution to the asbestos exposure ("the fibre burden hypothesis").

It is generally accepted that the risk of developing cancer after asbestos exposure is increased in the case of a smoker (see papers by Sir Richard Doll in 1985 amongst others).

In McDonald vs. State Rail Authority (1998) (16 NSWCCR 695), the judgement made by Judge O'Meally was that 'carcinoma of the lung may be attributed to asbestos exposure in the absence of asbestosis where the exposure was sufficient to have caused asbestosis."

In this case, Judge O'Meally further noted that the Helsinki Criteria set this at 25 fibre/mL-year.

However, Judge O'Meally ruled for the defendants in relation to compensation owing to the absence of evidence that the 25 fibre/mL-year threshold had been exceeded.

In Judd vs. Amaca (2002) (NSWDDT 25, Case Number 341), there were challenges by the defendants to the McDonald decisions as to the incidence of lung cancer being related to asbestos exposure even in the absence of asbestosis. They did not succeed in that regard.

What minimum exposure is sufficient to cause asbestosis is not an issue that was decided. It will therefore be necessary for future plaintiffs to prove at hearings what exposure is capable of causing asbestosis

We have continued to assume that the precedents set in Judd and McDonald will continue and also that the thresholds required to attribute lung cancer to asbestos exposure will be maintained. In these circumstances we have assumed continuation of the current level of awards for lung cancer claims.

#### 3.3.6 Future bankruptcies

As bankruptcies and insolvencies amongst defendants occur, there is a concentration of the costs of claims amongst a decreasing pool of defendants. This would be expected to lead to an increase in the proportion of claims borne by each of the remaining solvent defendants.



Allowance might be made for such bankruptcies by way of using general credit risk methods, or by reduction in the discount rate, but such allowance would require a full model of the liabilities of Australia by entity, including the interactions between entities. This is not adequately determinable at present.

Consequently, within our central estimate assessment, we have not allowed for the future failure of any of the substantial asbestos defendants, insurers or governments who bear a share of the asbestos-related liabilities of Australia.

#### 3.3.7 Schultz vs. BHP Billiton

On 7 December 2004, the High Court of Australia passed down its findings in relation to the matter of Schultz vs. BHP.

Mr Schultz, who worked and resided in South Australia, had worked at BHP's Whyalla shipyard from 1957 to 1964 and 1968 to 1977. He now suffers from asbestosis and ARPD. In 2002 he commenced proceedings in the NSW DDT against BHP in relation to his asbestosis and pleural disease.

BHP unsuccessfully applied to the Supreme Court to move the matter from the DDT into the Supreme Court under the Cross-Vesting Act and to then transfer it into South Australia Supreme Court under Section 5 of the Act.

Under section 5 of the Cross-Vesting Act, the court in which proceedings are to be determined is dictated by the interests of justice. BHP's application was refused and they thereafter appealed to the High Court.

The High Court unanimously allowed the appeal. It held that the emphasis given to Mr Schultz's choice of State in which the claim was to be heard involved error in the application of section 5 of the Cross-Vesting Act. They ruled that Mr Schultz's case should be removed from the DDT into the Supreme Court and then transferred to the South Australia Supreme Court as the appropriate State in which the claim should be heard.

As such, the law of South Australia was deemed to be the substantive law which would govern Mr Schultz's claim.

One consequence of the Schultz case is that it is now expected that a number of cases which would, until recently, be heard in the NSW DDT are likely in future to be heard in other jurisdictions.



We would expect that the number of cases in other States would therefore show a disproportionate rise in future years and the occurrence of NSW as the prevalent Court in which cases are heard would diminish somewhat. We would not expect the Schultz case to give rise to more, or fewer, claims in itself but rather change the profile of the Courts in which claims are heard and might potentially result in slight cost savings as, on average, settlement costs in NSW appear to be slightly higher than in other States. We have not factored in savings from this possible scenario.

## 3.3.8 Frost vs. Amaca

In the case of Frost v Amaca Pty Ltd (2005) NSWDDT 36, Curtis J held that the place of tort was New South Wales whilst the residency of the plaintiff was New Zealand and the exposure took place in New Zealand. This claim was notified to Amaca in 2002 and the judgment was entered on 17 August 2005. The decision was appealed on 3 May 2006 and the judgment is expected to be handed down later this year.

We have been advised that the judgment in Frost vs. Amaca prima facie appears to be inconsistent with earlier decisions of the Court of Appeal.

To the extent that the ruling in relation to Frost vs. Amaca is upheld on appeal, it is possible that the argument about the place of tort could be applied not just to New Zealand claims but also to Australian claims in respect of the State in which the case could be heard.

Accordingly it is possible that the decision of Frost could counter the decision of Schultz to some extent and return some claims to NSW.

However, to the extent that this arises, we note that the Special Purpose Fund will not meet the cost of claims brought in Courts outside Australia or to the extent claims relate to exposure which took place outside Australia.

#### 3.4 Medical developments

Medical developments have the potential to affect claim costs, although it is uncertain as to whether such developments would likely increase or decrease claims costs. In these circumstances, we have taken what we believe to be a central estimate view.

For example, there may be drugs developed which increase costs and extend life without curing mesothelioma: this might increase overall claim amounts. On the other hand, a total cure for mesothelioma would be more likely to reduce overall claim amounts.



Alimta, a drug which treats mesothelioma, was approved for use in Australia by the Therapeutic Drugs Administration on 7 July 2004. The drug has been increasingly mentioned over the last couple of years and its cost impact is unlikely to be transparent in any current statistics. It costs approximately \$25,000 (about \$6,250 per cycle) and is given to patients within a six week course of other chemotherapy.

Although it does not cure mesothelioma, it can reduce pain and symptoms and according to results produced by the producers of Alimta, it can extend life by approximately 3 months.

Coramsine is currently in development by Solbec Pharmaceuticals in Western Australia. It is in the very early stages of testing for use in the treatment of mesothelioma, although we note that it is currently in a more developed stage of testing for other cancers. The research currently indicates that the treatment can cure or reduce the levels of mesothelioma in mice. The drug still requires significant research as of the four mice treated for mesothelioma in the tests only one actually survived and was cured of mesothelioma. Of the other three, one was cured but later died due to a Coramsine overdose. The other two died of mesothelioma but with a significantly increased survival time.

We have not, at this valuation, allowed for the potential impact of any new blood tests or other diagnostic tests. An example is the announcement on 18 April 2005 of a blood test (SMRP serum) for potential early diagnosis of mesothelioma devised by Professor Bruce Robinson.

Such tests have the potential to result in a change in the pattern of reporting of future claims by accelerating diagnosis of these claims. Furthermore depending on how the courts would treat claims settlement in relation to these earlier diagnoses, it could also be associated with a change in the profile of claims payments.

As Professor Robinson notes<sup>3</sup>:

"evidence to date in our own and one other study suggest that serum SMRP measurements may have a useful role in the diagnosis of mesothelioma and in monitoring disease progression.

<sup>3</sup> Source: www.brucerobinson.com.au/mesothelioma\_blood\_test.htm


The role of SMRP in the early diagnosis of mesothelioma is yet to be proved and is currently the subject of several big studies. It is therefore not recommended for use in widespread screening of asbestos-exposed populations or in concerned individuals at this stage."

At this stage there is no evidence of the success of SMRP and that there is limited information on the extent to which acceleration of diagnosis might take place. Furthermore, there is no indication of how likely or when this test could be implemented in Australia.

Accordingly, we have made no allowance for the potential impact of such diagnostic developments within the current valuation.



# 4 DATA

# 4.1 Data provided to KPMG Actuaries

We have been provided with the following information by the MRCF and ACS:

- MRCF claims database at 28 February 2006 with individual claims listings;
- MRCF accounting database at 28 February 2006 (which includes individual claims payment details);
- Supplemental claims and accounting information from 1 March 2006 to 31 March 2006;
- MRCF Monthly Management Information Reports to 28 February 2006;
- MRCF Home Renovator Reports at various dates; and
- Detailed insurance bordereaux information provided by the MRCF as at 31 January 2006.

Additional to this, we have been granted access to the Operations Manager and the Information Officer of ACS. They have made themselves available to provide insight into the data, answer questions that we have had in relation to the interpretation of the data, and to discuss trends in emerging experience and any matters which we have observed arising during the most recent financial year.

We have allowed for the benefits of the product and public liability insurance policies of the Liable Entities based on information provided to us by the MRCF relating to the insurance programme's structure, coverage and layers.

We have also considered the claims data listings which formed the basis of our previous valuation assessments.

We have been provided with a report by DSA Legal and Pattison Hardman ("The Second Cost Consultants' Report") which was dated 15 July 2005.



#### 4.2 Data limitations

We have tested the consistency of the various data sets provided to us at different valuation dates, as noted in Section 4.3 which outlines the nature of the testing and verification process undertaken. However, we have not otherwise verified the data and have instead relied on the data provided as being complete and accurate in all material respects. We have relied upon the robustness of the MRCF's and ACS' operational processes and systems as to the completeness of the data provided.

Consequently, should there be material errors or incompleteness in the data, our assessment could also be affected materially.

Certain data that would be relevant to our analysis and liability assessment is not readily available. This includes:

- In relation to open claims, the payment and case estimate history collected is not sufficient to allow us to track the development, or otherwise, of historic case estimates. This would allow us to determine a "ground up" incurred claims assessment as a cross-check and input to our calculations.
- The available history of James Hardie's products, such as the number of products by type, the extent of asbestos content within them and the parties who then used those products is limited. Reliable history would provide assistance in assessing the pattern of future claims notifications arising from asbestos exposure and provide further support to the actuarial assessments.
- We do not have access to detailed information in regards to the timing and form of the Health and Safety Standards implemented by James Hardie or other companies which might go towards reducing the extent of claims in future periods. We are not aware of any studies which have as yet been able to quantify the impact of the changing standards upon future claims incidence.
- The claims cost data is not split by individual component of award, i.e. heads of damage, which would enable increased understanding of the drivers of claim costs and inflation for individual award components (e.g. Griffith vs. Kerkemeyer, Sullivan vs. Gordon).



- Some of the date fields (e.g. date of birth, date of death) are not complete for all claimants. These would allow better analysis for the actuarial valuation if they were complete. However, the proportion of claims with complete data is increasing with time.
- In addition to these data restrictions, we note that the historic data changes from year to year. Sometimes this is due to re-designations, other times we understand it is due to inherent operational processing delays which are common for all claims administration systems. We have undertaken investigations to understand these movements in order to satisfy ourselves as to the causation of the "moving data" and we address them in the body of this report.

# 4.3 Data verification

We have undertaken a number of tests and reconciliations to verify the accuracy of the data to the extent possible, noting the limitations outlined above.

4.3.1 Reconciliation with previous year's data

We have performed a reconciliation of the current claims database as at 28 February 2006 with that provided at 24 June 2005.

We have reviewed the consistency of a number of key fields, on a claim-by-claim basis, including:

- Claim notification date;
- Claim settlement dates;
- Disease type; and
- Settlement amounts (award and legal costs separately).

We note that there are some movements in the data between valuations. There are some movements in the notification date of claims, the settlement date of claims, and in the disease diagnosed.

For example, 16 claims have changed their disease type between the previous valuation and this valuation (including 6 claims which have changed their disease type to mesothelioma claims).

However, we understand that a change in disease type is often due to the data being updated over time, often as more information comes to light as to the nature of the disease, or through the correcting of any previous data errors which have emerged.



Changes in the date of settlement can often arise because the previous settlement date recorded relates to the settlement with some, but not all, parties to the claim and that this information is updated when all parties have settled. As such, changing data is not unexpected or to be considered as adverse.

At this valuation, we have also noted that new claim records have been created in respect of some historic claims and some claim numbers have changed. We understand these changes have been made to aid operational procedures in regard to pursuing cross-claims recoveries for individual claims.

The effect of this operational change is to increase the numbers of claims reported relative to those quoted in our previous valuation report (although it should be noted that the effect is small and varies by individual claim years).

A consequential effect of this is that the average cost of claims shows some compensatory reductions.

Overall, the effect of this change is expected to be minimal in the context of the overall liability assessment.

We have identified these changes, discussed and reviewed them in conjunction with ACS and considered the extent of their impact on the data.

#### 4.3.2 Reconciliation between claims and accounting databases

We have compared the claims awards, the legal costs and the recoveries amounts between the claims database and the accounting database from the earliest date to the current file position. Table 4.1 shows the results of this reconciliation for all claims to date.



# Table 4.1: Comparison of results from claims and accounting databases at 28 February 2006

	Claims database Sm	Accounting database \$m	Difference \$m
		•	
Award settlement (gross of recoveries)	387.0	366.7	N/A
Plaintiff and defendant legal costs	52.1		N/A
Legal and consulting fees		72.7	N/A
Award and legal / consulting fees	439.1	439.4	(0.3)
Estimated non- insurance recoveries and reimbursements ("cross claim recoveries")	(10.4)	(6.8)	(3.6)
Total costs before insurance recoveries	428.7	432.6	(3.9)
Estimated insurance recoveries	N/A	(32.5)	N/A

It can be seen that there are some differences in the values extracted from the accounting database and from the claims database.

In relation to claims awards and legal fees, the claims database includes plaintiff legal costs in relation to exclusive claims and also the defendant legal costs.



Valuation of the asbestos-related disease liabilities of the Liable Entities to be met by the Special Purpose Fund 31 March 2006

In relation to recoveries, the claims database does not include Insurance Recoveries. The accounting database shows recoveries and reimbursements. We have estimated the Insurance Recoveries recovered to date by consideration of the named drawer of the cheque and the overlap of this with the insurance programme. We have also made use of a description field which often refers to "insurance recovery" or "London syndicate" as an indicator that recovery transactions relate to the insurance programme.

This process could lead to a slight over-estimate of the amounts of payments made by insurers in relation to the insurance programme, but the amount of over-estimate is unlikely to be substantial.

In relation to cross-claim recoveries, there is a substantial difference between the two databases in percentage terms. It appears from an analysis of the claims database that there have been substantial recoveries made from CSR in recent months in relation to the Hardie-BI joint venture. Whilst these recoveries have been captured in the claims database at 28 February 2006, they had not been allocated in the accounting database at that date. We have been advised that more than \$3m of cross-claim recoveries have been allocated in the accounting database transactions during March 2006 and that the discrepancy between the two data sources has therefore been reduced.

Overall, the data appears to reconcile reasonably well in aggregate, particularly the gross claim amounts. Given our approach is to model the gross claim amounts and then make separate allowance for cross-claim recoveries, the reconciliation of the gross claim amounts is the more relevant.

Our approach for each claim record has been to take the maximum value of the two databases for each claim record. This approach is likely to result in some minor prudence in our overall analysis.

### 4.4 Data interpretation and analysis

We have discussed at some length below our approach to analysing the data and issues in relation to categorising and characterising the claims.

# 4.4.1 Grouping of claims data

We have split the claims into the following groups:

- Product and Public Liability;
- Workers Compensation, being claims by current and former employees of the Liable Entities;
- Wharf claims; and





Cross-claims, being claims brought by, or against, one or more Liable Entities.

### 4.4.2 Categorising a disease

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For many claims, there are a number of diseases listed in the disease description.

For the purposes of our analysis, we have allocated each claim once and therefore to one disease. We have selected the following order of priority, based on the relative severity of the disease:

- Mesothelioma;
- Lung cancer;
- Other cancer;
- Asbestosis; and then
- ARPD and Other.

This means that if a claim has mesothelioma as one of its listed diseases, it is automatically included as a mesothelioma claim. If a claim has lung cancer as one of its listed diseases (but not mesothelioma), it is included as a lung cancer claim. If a claim has asbestosis as one of its listed diseases, it is only coded as asbestosis if it has no reference to mesothelioma, lung cancer or other cancer as one of its diseases.

4.4.3 Claims included as reported claims

The following claims have been excluded from the main claims file:

- Wharf claims. These are defined as claims where the occupation or the exposure fields include reference to "wharf", "waterside" or "stevedore" or derivations thereof. These are analysed separately.
- Cross-claims brought by the Liable Entities against other defendants. Where the cross-claim is brought as part of the main proceedings the claim is automatically counted in our analysis of the number of claims. However, where the cross-claim by the Liable Entities is severed from the main proceedings, the existence of a separate record on the claims file does not indicate an additional claim (or liability against the Liable Entities). In these circumstances such claims records are not counted in our analysis.



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Claims with a blank report year. These are in the nature of "provisional loss advices" and are only included once a date of notification has been allocated to the claims. At 28 February 2006, there are four claims with no report date. Three of these claims have been settled, with the total settlement amount being less than \$0.1m.

We have, however, included claims which arise as contribution claims against the Liable Entities, and we have also included (as separate claims counts) multiple claims filed against the Liable Entities arising from the same event or individual's exposure. As such, there can be multiple claims in relation to an individual claimant. We note that as a consequence the "number of claims" projected will exceed the number of individual people affected.

#### 4.4.4 Defining claim status

A claim has three potential stages of settlement:

- The plaintiff settling their award ("plaintiff settlement date");
- The defendant company settling their share of the award ("client settlement date"); and
- The defendant company finalising their legal costs ("client closure date").

We have used the following terms to describe the advancement through these three stages:

- Open: none of the 3 settlement date fields have information in them.
- Unsettled: the plaintiff has settled their award, but the Liable Entities have not settled their share of the award and not finalised their legal costs. No aspect of the claim is settled or closed from the perspective of the Liable Entities. However, some information is available as to the total settlement which acts as a maximum liability amount.
- Settled: the plaintiff has settled their award and the Liable Entities have settled their share of the award. The Liable Entities have not finalised their legal costs. Only legal costs remain to be finalised.
- Closed: the plaintiff has settled their award, the Liable Entities have settled their share of the award and finalised their legal costs. This claim is finalised.



# 4.4.5 Insurance Recoveries

We have searched the description field in the accounting database for the incidence of the word "insurance" or of known insurers of the Liable Entities to allocate a recovery as an Insurance Recovery.

As a consequence it may be that some Insurance Recoveries might have been over-stated or under-stated, if the description field does not refer to the word insurance or a known insurer but the payment is in fact an insurance payment. We are unable to identify this based on the information we have available. This also affects the implied non-insurance recoveries (being amounts from insurers of other defendants by way of contribution from those defendants or amounts resulting from contributions from other parties to the claim in the nature of cross-claims) derived from the accounting database.

The financial impact of this potential discrepancy is likely to be small given that the total recoveries (excluding payments by QBE) are of the order of \$39m and that we allocated more than \$32m to insurance and almost \$7m to non-insurance recoveries.

At this valuation, we have also been given access to the detailed insurance bordereaux (being listings of claims provided by the insured to their broker to notify the insurance market of claims against the insured's insurance policies) filed by the Liable Entities to their insurers. This information has enabled a more detailed and accurate analysis of the amount of insurance cover utilised to date and the information has been used in assessing the future insurance recoveries projected to fall due in future years.

#### 4.4.6 Cross claims

A cross-claim can be brought by, or against, one or more Liable Entities.

Cross-claims brought against a Liable Entity ("Contribution Claims") are included in our analysis of claims and such claims are treated as if the Liable Entities were joined by the plaintiff in the main proceedings as a joint defendant to the claim, as opposed to being joined as a cross-defendant by another defendant.

Cross-claims brought by a Liable Entity relate to circumstances where the Liable Entity seeks to join (as a cross-defendant) another party to the claim in which the Liable Entity is already joined.



Such claims against the Liable Entities are included in our analysis. However, to the extent that the Liable Entities are successful in joining such other parties to a claim, the contribution to the settlement by the Liable Entities will reduce accordingly.

Within our valuation, we have treated such recoveries as being analogous to the cross-defendant being joined in the main proceedings and the liability of the Liable Entities being reduced.

Our approach in the valuation has been to separately value the rate of recovery ("cross-claims recovery rate") as a percentage of the award based on historic experience of such recoveries.

### 4.5 The Second Cost Consultants' Report: July 2005

We have been provided with a report ("the Second Cost Consultants' Report") dated 15 July 2005 prepared by Deborah Vine-Hall and Susan Pattison.

This Cost Consultants' report analyses the potential legal costs under the new procedures resulting from the implementation of the DDT Act 2005 for two typical case scenarios.

# 4.6 Data conclusion

We have noted above that we have not verified the data but have instead tested the data for internal consistency with the data provided at previous valuations.

- Based on that testing and reconciliation, and subject to the limitations described in Section 1.5, we have formed the view that notwithstanding those limitations:
  - The data is generally consistent between valuations, with any differences in the data being readily explained;
  - The data appears to reconcile reasonably between the two data sources (the claims database and the accounting database);
  - Any data issues that have emerged are not material in relation to the size of the liabilities; and
  - The data is therefore appropriate for use.



#### 5 VALUATION METHODOLOGY AND APPROACH

#### 5.1 Previous valuation work and methodology changes

We have maintained the core valuation methodology that we adopted at our previous valuations since 30 June 2004. The data and tables in this report are comparable with those previous reports.

Our methodology in relation to the assessment of insurance recoveries has changed at this valuation following the provision of additional information, legal advice and detailed historical insurance bordereaux. The methodology for valuing Insurance Recoveries is discussed in greater detail below.

# 5.2 Overview of current methodology

The methodology involves assessing the liabilities in two separate components, being:

- · Allowance for the cost of settling claims which have already been reported but have not yet been settled ("pending claims"); and
- Allowance for the cost of settling claims which have not yet been reported but are expected to arise out of past exposure ("Incurred But Not Reported" or "IBNR" claims).

For pending claims, we have used the case estimates (where available), whilst for IBNR claims we have used what can best be described as an "average cost per claim method".

In brief, the overall methodology may be summarised as follows:

• Project the future number of claims expected to be reported in each future year by disease type (for product and public liability) and for Workers Compensation and Wharf claims taking into account the past rate of co-joining of the Liable Entities and the expected future incidence of mesothelioma and other diseases;



- Analyse past average attritional claim costs of non-nil claims in current money terms. Attritional claims are defined by us to be claims which are less than \$1m in current money terms. Estimate a baseline attritional non-nil average claim cost in 2005/06 (current) money terms. This represents the Liable Entities' share of a claim rather than the total claim settlement. For Workers Compensation claims, the average cost represents only that part of a claim which is borne by the Liable Entities (i.e. it excludes any insurance proceeds from a Workers Compensation Scheme or Policy);
- Adjust historic average costs to recognise the impact of DDB reimbursements upon the average cost awards (reflecting the basis of the costs which are to be met by the Special Purpose Fund);
- Analyse past historic average plaintiff and defendant legal costs for non-nil claim settlements;
- Analyse past historic average defendant legal costs for nil claim settlements (which includes costs incurred in defending and repudiating liability);
- Estimate a "large claims loading" for mesothelioma claims by estimating the frequency, or incidence rate, and average claim and legal cost sizes of such claims (being claims which are in excess of \$1m in current money terms);
- Project the pattern and incidence of future claims settlements from the claims reporting profile projected. This is done by using a settlement pattern derived from consideration of past experience of the pattern of delay between claim reporting and claim settlement for each disease type;
- Estimate the proportion of claims which will be settled with no liability against the Liable Entities by reference to past proportions of claims settled for nil claim cost (we refer to this as the "nil settlement rate");
- Inflate average claim, plaintiff and defence legal costs and large claim costs to the date of settlement of claims (for known and IBNR claims) allowing for base inflation and superimposed inflation;
- Multiply the claims numbers which are expected to be settled for non-nil amounts in a period by the inflated average non-nil claim costs and plaintiff and defence legal costs for that period;





- Make allowance in defence legal costs for that proportion of settled claims which are expected to be settled for no liability but for which defence costs will be incurred in disputing liability or contribution;
- Inflate average defence legal costs of nil claims to the date of settlement of claims (for known and IBNR claims) allowing for base inflation and superimposed inflation;
- Multiply the claims numbers which are expected to be settled for nil amounts in a period by the inflated average defence legal costs for nil claims for that period;
- Add the expected payments on pending claims;
- This gives the projected future gross cashflow for each future payment year;
- Estimate the recoveries resulting from cross-claims made by the Liable Entities against other parties ("cross-claim recoveries");
- Project Insurance Recoveries to establish the net cashflows;
- Discount the cashflows using a yield curve derived from yields on Commonwealth fixed interest bonds to arrive at our present value liability assessment.

It should be noted that this description is an outline and is not intended to be exhaustive in consideration of all the stages we consider. Those other stages are outlined in more detail elsewhere in this report and readers are advised to refer to those sections for a more detailed understanding of the process undertaken.

As discussed elsewhere, the liabilities are established on a central estimate basis.

In our analyses, the "year" we refer to aligns with the financial year of James Hardie and runs from 1 April to 31 March, so that a 2004 reported claim would be a claim notified in the period 1 April 2004 to 31 March 2005. Similarly a 2003 settlement would be a claim settled in the period 1 April 2003 to 31 March 2004.

#### 5.3 Disease type and class subdivision

It is critical when modelling the future liabilities to sub-divide the data into groups which exhibit similar characteristics, i.e. into homogeneous groups.

As noted earlier, we have sub-divided the claims into:



- Product or Public Liability;
- Workers Compensation;
- Wharfside Workers; and
- Cross-claims brought by the Liable Entities (specifically to determine the "cross-claim recovery rate").

We have separated out wharfside workers claims because of their significantly different claim sizes relative to other classes.

We have separated the Workers Compensation claims from product and public liability claims because claim payments from Workers Compensation claims do not generate recoveries under the product and public liability insurance cover, so that in order to value those contracts we need to separately identify the cashflows from product and public liability claims and the cashflows from Workers Compensation claims.

We have not divided the Workers Compensation claims data by disease type given its relatively low financial significance and the low credibility of the data if sub-divided by disease type.

For product and public liability claims, we have separately considered the individual disease types. We have split the data by disease because it displays substantially different average claim sizes and because the incidence pattern of future notifications is also expected to vary considerably between the different disease types. As product and public liability claims are financially significant to the overall total of the liabilities and there is significant available data, the sub-division by disease type is appropriate.

We have sub-divided this portfolio into:

- Mesothelioma;
- Lung cancer and other cancer (hereafter referred to as "lung cancer");
- Asbestosis; and
- Asbestos-Related Pleural Disease and Other ("ARPD & Other").

We have considered the claim settlement and legal cost components separately within each of these sub-divisions.



As noted in Section 1.3.1, we have not considered the component of Workers Compensation claims against the Liable Entities which are covered by the Workers Compensation insurances. We have assumed that the Workers Compensation Schemes or Policies will continue to respond to future claim notifications arising out of past exposures.

# 5.4 Numbers of future claims notifications

We begin by first estimating the incidence of future notifications of claims.

We have based this on the use of what we have termed an "exposure model", which we have constructed in relation to Australian usage of asbestos.

We do not have detailed individual exposure information for James Hardie, its products or where the products were used and how many people were exposed to those products. However, given the market share of James Hardie over the years and its relative stability, we have used a national pattern of usage as a reasonable proxy for James Hardie.

We start by constructing an index from the annual consumption of asbestos within Australia from 1900-2000! We split this between the various asbestos types and by year of consumption.

We have not allowed for multiple exposures with respect to James Hardie from each unit of asbestos consumed, e.g. where James Hardie was both mining and milling the same asbestos. While there was some (moderate) mining at Baryulgil, in relative terms it is not significant. Nonetheless, we have made separate allowance for mining activities at Baryulgil within our liability assessment.

With the exposure index that we have derived, we then allow for the latency period from the average date of exposure to claims notification.

Our model is that claims will:

- emerge proportional to past asbestos exposure measured by asbestos consumption per year (in metric tonnage); and
- have a latency pattern that is statistically normally distributed.

Our current assumptions are that:

World Mineral Statistics Dataset, British Geological Survey, <u>www.mineralsuk.com</u>
 US Geological Survey — Worldwide Asbestos Supply and Consumption Trends 1900 to 2000; Robert L. Virta (2003)



• The historic asbestos consumption shown in Figure 8.7 gives our assumed past asbestos exposure.

The latency pattern for mesothelioma has a mean of 35 years and a standard deviation of 10 years. This appears to be generally supported by analyses and comments by Professor Berry et al<sup>5</sup>, by Jim Leigh et ab and by Yeung et al<sup>7</sup>. Latency pattern assumptions for mesothelioma and other diseases have also been set with consideration of the experience to date.

The assumed latency periods for each disease type are shown in the following table.

### Table 5.1: Assumed latency periods by disease type

	Mean (years)	Standard Deviation (years)
Mesothelioma	35	10
Lung Cancer	35	10
Asbestosis	30	10
ARPD & Other	30	11
Wharf	n/a	n/a
Workers Compensation	n/a	n/a

Our methodology is to take each year of exposure, weighted by consumption of asbestos in tonnage in that year, and project an index of the number of claims emerging in each future reporting year resulting from that exposure year using the latency distribution. We then aggregate the index of claims projected across all exposure years to derive an overall index of the number of future claims by report year.

<sup>5</sup> Malignant pleural and peritoneal mesotheliomas in former miners and millers of crocidolite at Wittenoom, Western Australia; G Berry, N H de Klerk, et al (2004)

6 Malignant Mesothelioma in Australia: 1945-2000; J. Leigh et al (2002)

7 Distribution of Mesothelioma Cases in Different Occupational Groups and Industries, 1979-1995; P. Yeung, A. Rogers, A. Johnson (1999)



This index provides not only the shape of claims as an index but also shows that the peak year of incidence of mesothelioma claims derived by this methodology is 2010/2011.

For the other claim types, we allow for those diseases having different average latency periods to that of mesothelioma. This results in different projected peak years for the different diseases.

From this claims index we then project the future number of claims by calibrating the index to the current level of claims emerging.

### 5.5 Numbers of claim settlements from future claim notifications

We derive a settlement pattern by considering triangulations of the numbers of settlements by delay from the year of notification.

From this settlement pattern, we have estimated the pace at which claims that have been projected to be notified in the future will settle, and used this to project the future number of settlements in each financial year for each disease type.

Owing to limited data volumes, we have modelled "non-mesothelioma" claims as one cohort for determining claims settlement patterns. We have estimated the settlement pattern from claim reporting to be as follows:



#### Delay (years) Mesothelioma Asbestosis ARPD & Lung Cancer Other 0 54.9% 21.7% 21.7% 21.7% 1 33.0% 36.8% 36.8% 36.8% 2 5.4% 18.7% 18.7% 18.7% 3 8.2% 8.2% 1.7%8.2% 4 1.3% 3.0% 3.0% 3.0% 5 0.9% 1.8% 1.8% 1.8% 6 1.3% 1.4% 1.4% 1.4% 7 0.7% 1.4% 1.4% 1.4% 8 0.6%0.9% 0.9% 0.9% 9 0.3% 1.1% 1.1% 1.1% Future 0.0% 5.0% 5.0% 5.0%

# Table 5.2: Settlement pattern of claims awards by delay from claim reporting

# 5.6 Proportion of claims settled for nil amounts

We apply a "nil settlement rate" to the overall number of settlements to estimate the number of claims which will be settled for nil claim cost (i.e. other than in relation to legal costs) and those which will be settled for a non-nil claim cost.

Nil settlement claims can arise for a number of reasons and these include:

- Claims made against the Liable Entities by plaintiffs where the claim is ultimately determined by a Court to not be compensable. This can arise:
  - because the "injury" for which the claimant seeks compensation is not compensable (e.g. asymptomatic pleural plaques without any physical impairment); or
  - because the "injury" is not proven to be a result of asbestos-related exposure (e.g. smoking-related lung cancer with no evidence of asbestos exposure).





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- Claims made against the Liable Entities by plaintiffs which are ultimately not pursued by the plaintiff. This would include claims where the plaintiff discontinues a claim:
  - Either in relation to the entire claim being discontinued by the plaintiff; or
  - In relation to the claim against the Liable Entity being discontinued by the plaintiff (but that the claim continues against other defendants).
- Claims made against the Liable Entities by plaintiffs but where liability against the Liable Entities is ultimately declined by the Court. This would, for example, include circumstances where the plaintiff joins the Liable Entity in a claim but it is later shown that the Liable Entity is not a relevant defendant and that another defendant is liable. This would, for example, cover:
  - Circumstances where it is demonstrated that the product used which is alleged to have contributed to asbestos exposure and the subsequent claim was proven not to be a product manufactured or used by a Liable Entity.
  - Circumstances where through indemnity or contractual obligations another party is ultimately held liable for that element of the claim in which the Liable Entities were previously held liable.

The prospective nil settlement rate is estimated by reference to past trends in the rate of nil settlements.

# 5.7 Average claim costs of IBNR claims

We need to separately consider average settlement costs in respect of future claims and average legal costs of the defendants.

In essence we have estimated the following five components to the average cost assessment:

- Average award (sometimes including plaintiff legal costs) of a non-nil "attritional" claim.
- Average plaintiff legal costs of a non-nil "attritional" claim.
- Average defendant legal costs of a non-nil "attritional" claim.
- Average defendant legal costs of a nil "attritional" claim.



• Large claim awards and legal cost allowances.

We define a large claim as those for which the award is greater than or equal to \$1m in current money terms. We define an attritional claim as a non-nil, non-large claim. We define a nil claim as one for which the award payable by the relevant Liable Entity is zero.

The data provided to us has three settlement year definitions:

- Plaintiff settlement year: being the year in which the claimant settles their claim against the defendants named or joined in the Statement of Claim;
- Client settlement year: being the year in which the Liable Entities settle their claim with the plaintiff or with the cross-claimant (where applicable); and
- Client closure year: being the year in which the Liable Entities have closed the claim file, having settled all their liabilities in relation to that claim (including the settlement of their defence legal costs).

We have analysed the average settlement cost by each of the three settlement year definitions in arriving at our assessment of the prospective average settlement cost.

All of our analyses have been constructed using past average awards, which have been inflated to current money terms using a base inflation index. This compensates for basic inflation effects when identifying trends in historic average settlements. We then determine a prospective average cost in current money terms.

We perform the same exercise for the defence and plaintiff's legal costs in respect of non-nil claims, and for defence costs for nil claims (together "Claims Legal Costs").

In relation to the large claims loading, we analyse the historic incidence rate of large claims (being measured as the ratio of the number of large claims to the total number of non-nil claims), and the average claim and Claims Legal Costs of these claims. We have determined a prospective incidence rate and average cost in current money terms to arrive at a loading per claim (being the average cost multiplied by the incidence rate per claim). This "per claim" loading is then added to the attritional average cost to arrive at an overall average allowing for the infrequent incidence of large claims.



Allowance for future claim cost inflation is made. This is modelled as the sum of base inflation plus superimposed inflation. This enables us to project future average settlement costs in each future year, which can then be applied to the IBNR claims as they settle in each future year.

#### 5.8 Pending claims

We have considered all claims not closed at 28 February 2006 as having some potential to have future costs assigned against them, be it legal costs or further award payments.

As we have previously indicated, we have adopted 3 definitions of settlement status.

When there is no closure date but the claim has a settlement date, there is a possibility of further emerging defendant legal costs, even though the claim award has been settled.

When there is no settlement date, there is a possibility of award, plaintiff legal costs and defendant legal costs still being incurred.

Understanding this process means that we can model, for each claim not yet closed, sources where further costs could be incurred. Combining this with case estimate history or total award settlement information, where known, allows us to more directly model the liability for pending claims.

The excess amount of the liability for pending claims, over the case estimates held, is what the insurance industry term Incurred But Not Enough Reported ("IBNER").

Based on certain information provided to us by the MRCF, it would appear that during the last four years there has generally been some level of redundancy in the case estimates, i.e. that claims have ultimately settled for less than the estimates placed on them. At this time, we have not taken any credit for this potential margin as we cannot validate it by reference to the databases with which we were provided. Over time, we expect to be able to build a sufficient history of data that will enable us to validate the status of this matter.

# 5.9 Insurance Recoveries

Insurance Recoveries are defined as proceeds which are estimated to be recoverable under the product and public liability insurance policies of the Liable Entities, and therefore exclude any such proceeds from a Workers Compensation Scheme or Policy in which the Liable Entities participate or which the Liable Entities hold.



In applying the insurance programme we consider only the projected gross cashflows relating to product and public liability. In doing this we split out product liability cashflows from public liability cashflows as they are covered by different sections of the insurance policy under different bases (analysis shows that product liability claims have historically made up 95% of the product and public liability claims by number).

We make no allowance for the Workers Compensation cashflows in estimating the Insurance Recoveries, as the insurance programme provides protection on product and public liability exposures only.

#### 5.9.1 Allocation of cashflows

We allocate the gross projected cashflow for Claims and Claims Legal Costs separately to product liability and public liability, assuming that 95% of future cashflows in each year will relate to product liability and 5% of future cashflows in each year will relate to public liability.

We then allocate these costs to each individual exposure year. This is based on a projection of how the pattern of exposure has changed in past years and is estimated to change in future years. In this regard, your attention is drawn to Section 8.8.2 which shows a recent history of how the allocation to exposure year has changed with time.

We separate the cashflow into claims costs, plaintiff legal costs and defence legal costs. This is because we understand that defence legal costs do not contribute to the erosion of the insurance cover but that such legal costs are recoverable in addition to recoveries from claims settlements.

In relation to plaintiff legal costs, for the purposes of the valuation, we have assumed that such costs contribute to the erosion of the insurance cover although we note that it appears that they may (in common with defence legal costs) not contribute to the erosion of the insurance cover. If this is the case, the value of the insurance assets may increase relative to that which we have assumed within this valuation report.

From this, we then model the Insurance Recoveries by exposure (policy) year.

We map the Insurance Recoveries to each layer of the historic insurance programme and thereby to each insurer and reinsurer to determine an estimate of the recoveries (both in timing and amount) due from each insurer and reinsurer.



As noted in Section 11, no allowance has been made for any potential Insurance Recoveries in relation to the period from 1986/87 onwards, when insurance was placed on a claims made basis.

5.9.2 Product liability recoveries

In relation to product liability, given the nature of the cover being on an "in the aggregate" basis, it is likely that the majority of the cover (both the primary and umbrella) covers will be utilised given that we are projecting more than \$3bn of future claims costs in actual money terms. We anticipate that only the highest layer of cover will not be fully utilised for some of the insurance policy years.

5.9.3 Public liability recoveries

In relation to public liability, given the nature of cover being on an "each and every loss" basis, it is not likely that layers above the primary layer (\$1m) will be substantially impacted. It is possible that the non-primary layers could be triggered, although we recognise that this would require:

- a large public liability claim in excess of A\$1m; and
- that the period of exposure be of sufficient brevity or sufficiently concentrated that the allocated cost of the claim to any one year would be in excess of A\$1m.

Whilst it is possible that such claims may arise in the future, to date there has been no such evidence of a claim above \$1m in any one exposure year. Indeed, the largest allocation to any one exposure year has been approximately \$917,000 in relation to a claim with a total cost of \$1,068,000 which was spread over two exposure years.

The average exposure period for mesothelioma claims has historically been approximately 16 years. Accordingly, it is not surprising that more than 90% of these "claims" (being derived by segmenting each claim into a number of exposure years) are less than \$25,000 in size.

The following chart shows the distribution of non-nil mesothelioma claims costs to any one exposure year.





# Figure 5.1: Size distribution of non-nil mesothelioma claims split by contribution from each year of exposure (award only)

Accordingly, at this time we have made no allowance for any layer above the primary layer to generate public liability recoveries.

#### 5.10 Bad debt allowance

We have made an allowance for general credit risk based on the credit rating of insurers of the Liable Entities using Standard & Poor's' default rates.

We assume that Lloyd's of London and Equitas companies (which make up approximately 45% of the claims occurring insurance programme) will have 100% recoverability and that therefore no credit risk charge is made against those recoveries. For the remaining companies, we have allowed for credit risk costs on the Insurance Recoveries.

We have estimated this credit risk cost by using the Standard & Poor's credit ratings of the insurers of the Liable Entities as at 31 March 2006 and the Standard & Poor's default rates by credit rating and duration as at March 2004, as shown in Appendix A, to estimate the cost of credit risk for each of the insurers and reinsurers. Where additional information regarding the expected payout rates of solvent and insolvent Schemes of Arrangement is available we have instead taken the expected payout rates to assess the credit risk allowance to be made in our liability assessment.



# 5.11 Cross-claim recoveries

We have analysed the past rate of cross-claim recoveries being made by the Liable Entities as a result of issuing cross-claims.

We have valued these recoveries assuming that they become payable at the time of the claim.

As noted in Section 4, cross-claim recoveries at 28 February 2006 amount to \$10.4m on the claims database and \$6.8m on the accounting database. These represent 2.4% and 1.6% of gross claims costs respectively. As noted earlier, a payment from CSR of more than \$3m has been allocated in the accounting database during March 2006.

We have analysed the historic cross-claim recoveries by settlement year as follows:



# Table 5.3: Cross-claim recoveries by settlement year

Settlement year	Cross-claim recoveries (\$)
Pre 1991	502,191
1991/92	30,000
1992/93	53,486
1993/94	364,708
1994/95	77,224
1995/96	242,746
1996/97	135,904
1997/98	129,877
1998/99	251,976
1999/00	442,381
2000/01	1,204,568
2001/02	616,449
2002/03	628,098
2003/04	359,730
2004/05	650,784
2005/06	4,725,193
Total	10,415,315

It is of note that the majority of recoveries have been in relation to the Hardie-BI Joint Venture with CSR and that \$3.3m of the \$4.7m recovered in 2005/06 related to CSR or Bradford Insulation.

Taking all of the above factors into account, we have assumed that future levels of cross-claim recoveries will be 2.0% of the average award.



#### 5.12 Other Recoveries

Other Recoveries are amounts of recoveries that might be made by a Liable Entity against another party under a contract including a contract of indemnity where the other party is not a Concurrent Wrongdoer with the Liable Entity in relation to that claim.

We are not aware of any cases of non-insurance recoveries having been related to contracts of indemnity.

Accordingly, Other Recoveries have been estimated as nil.

#### 5.13 Discounting cashflows

Cashflows are discounted on the basis of yields available on Commonwealth government bonds of varying coupon rates and durations to maturity (matched to the liability cashflows).

In discounting the liabilities at a risk-free discount rate, we have assumed that there will be sufficient assets available to generate the investment income implicit in the discounting of the liabilities.

If such assets are not available then the investment income generated may be insufficient to support the unwinding of the discount on the liabilities and the cost of meeting the liabilities will increase.

It should also be recognised that the yield curves and therefore the discount rates applied can vary considerably between valuations and can, and do, contribute significant volatility to the liability assessment at different assessment dates.

### 5.14 Adjustments for interim valuation

As this assessment is to be effective at 31 March 2006 and is based on claims data to 28 February 2006, we have derived the liability at 31 March 2006 as follows:

• The IBNR provision at 31 March 2006: this is set through consideration of our latest expectation of the number of IBNR claims to be reported after 31 March 2006; plus



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The Pending Claims provision at 31 March 2006: this is approximated to the provision for pending claims at 28 February 2006. In doing so, we have assumed that the payments made in March 2006 (approximately \$6.7m) are broadly equal to the liability arising from the 44 newly reported claims in March (which we estimate to cost approximately \$8.5m based on our assumed average costs for each claim type).

It is our view that whilst this method is an approximation, the potential variation in the approximation is not material in the context of the overall liability.



#### 6 COST SAVINGS ARISING FROM THE DDT ACT 2005

#### 6.1 Background to the DDT Act 2005

On 18 November 2004, the Premier of NSW, Mr Robert Carr announced a Review of Legal and Administrative Costs in Dust Diseases Compensation Claims (the Review). The Terms of Reference for the Review required it to:

- consider processes for handling and resolving dust diseases compensation claims; and
- · identify ways in which legal, administrative and other costs can be reduced within the existing common law system in New South Wales.

The Terms of Reference specified that the Review was not to consider proposals introducing a statutory scheme to resolve dust diseases compensation claims or which would adversely affect Claimants' compensation rights.

The Review was conducted by Mr Laurie Glanfield AM, Director General of the Attorney General's Department and Ms Leigh Sanderson, Deputy Director General of The Cabinet Office.

An Issues Paper was issued by the Reviewers in November 2004. James Hardie made substantial submissions to the Review and after the release of the findings in respect of matters on which the Reviewers sought further comment. The James Hardie submission, other non confidential submissions and other materials relating to the Review are available from the NSW Government Cabinet website (<u>www.cabinet.nsw.gov.au</u>).

The conclusions of the Review were released on 8 March 2005. The key Review recommendations to support cost reduction were:

- the early provision of as much information as possible by claimants in a prescribed form prior to actively litigating the claim in court;
- a formal process of settlement offers and mediation prior to active litigation in court;
- streamlining of Dust Diseases Tribunal procedures for matters that are not resolved by settlement offers and which proceed to a court hearing; and
- cost penalties if litigation proceeds and the result is not materially different from the settlement offers.



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- Following the release of the Review findings further issues were addressed resulting in proposals for:
  - upfront apportionment of liability between prospective defendants to allow the settlement or determination of the plaintiff's claim to proceed without being delayed by disputation as to contribution between defendants.
  - representation of defendants by a Single Claims Manager for the purpose of making offers of settlement and attending pre-court compulsory mediation with the Plaintiff.

The recommendations of the Review have been given legislative effect by the Dust Diseases Tribunal Amendment (Claims Resolution) Act 2005 passed by the New South Wales Parliament on 26 May 2005. The Act incorporates new regulations for the claims resolution process in respect of asbestos claims.

As a result of the DDT Act 2005, significant changes were made to the procedures for Asbestos claims resolution on and after 1 July 2005 including:

- a required information exchange at the commencement of the claim between parties by way of statements of full particulars by plaintiffs and detailed replies from defendants;
- a compulsory mediation of claims failing settlement by agreement;
- a single claims manager model to represent multiple defendants in the negotiation of settlement and failing settlement, mediation of plaintiff claims;
- a process for defendants to reach agreement on contribution between themselves for the purposes of the settlement or mediation of a plaintiff's claim. If
  defendants cannot agree contribution, the Act provides that apportionment of liability will be decided by an independent Contributions Assessor using standard
  presumptions of apportionment as set out in the Dust Diseases Tribunal (Standard Presumptions Apportionment) Order 2005. A defendant cannot challenge
  the decision of a Contributions Assessor until determination of the Plaintiff's claim by settlement or judgment;
- costs penalties will apply in circumstances where parties:
  - breach the rules of the new claims resolution process;



- fail to participate in mediation in good faith including where defendants may unreasonably limit a single claims manager's authority to settle the claim;
- unreasonably leave issues in dispute following an unsuccessful mediation; and
- where any subsequent litigation does not result in a materially different position to that of settlement offers made by the parties; and
- cost penalties are also imposed if a Defendant appeals the decision of a Contributions Assessor and fails to better its position by the greater of \$20,000 or 10% of the amount otherwise payable by it.

The above procedures will apply to all non urgent cases. Urgent cases are those where the Tribunal is satisfied that, as a result of the seriousness of the Claimant's condition, the Claimant's life expectancy is so short as to leave insufficient time for the requirements of the claims resolution process to be completed and the claim to be finally determined by the Tribunal on an expedited basis. Urgent cases may be removed from a claims resolution process but in each case, the Tribunal must consider whether to order the application of provisions relating to compulsory mediation and apportionment between defendants to that claim. Urgent cases as defined by the Act will still be dealt with by the Dust Diseases Tribunal if they cannot be addressed in an expedited timetable for the new claims resolution process but in keeping with revised Dust Diseases Tribunal hearing procedures.

Legal representatives of parties to dust diseases claims will also be required to provide information to the Dust Diseases Tribunal in relation to the compensation awarded or agreed and the amount of legal costs recovered following the settlement or determination of a claim.

The Act also amends:

- procedures for the issue of subpoenas and the making and acceptance of offers of compromise;
- the procedures for the hearing of claims that have failed to settle by removing the ability of parties to invoke pre trial procedures such as interrogatories, discovery or request for particulars, except in very limited circumstances;



- provisions to clarify that the Dust Diseases Tribunal does have jurisdiction to deal with claims for contribution between defendants or other tortfeasors liable in respect of any damages;
- requirements for Dust Diseases Tribunal judgements to identify those issues of a general nature that are determined on the basis of judgements made in earlier
  proceedings, thereby reducing the number of common issues being re litigated or re argued.

The Dust Diseases Tribunal proceedings will be further affected by the proposed Civil Procedure Act 2005 which introduces the ability for courts to engage in electronic court management systems and the ability to deal with evidence of multiple expert witnesses in a hearing. These measures if implemented and utilised by the Dust Diseases Tribunal are expected to improve court efficiencies and reduce hearing times.

While the reform is concerned solely with NSW procedures and legislation, the NSW Government has indicated its willingness to promote the recommendations of the Review to other States and Territories.

The New South Wales Government indicated in its Review that there will be a further review of the reforms and the dust diseases compensation system more generally to be conducted after data in relation to the reforms' first 12 months of operation is available.

# 6.2 Methodology

We have estimated the cost savings arising from the DDT Act 2005 by reference to work undertaken by the Cost Consultants to estimate the costs of each stage of the new procedures. The Cost Consultants have modelled the new procedure (hereafter referred to as the "New Process") based on their understanding of the NSW Government Review and based on legal instruction provided to them. They have then mapped the anticipated range of costs for the New Process. These costs were then compared with the anticipated costs under the Old Process.

The costs structure has been assessed for two cases:

Case 1, which included:

- A case where medical issues and disputes are limited in nature, such as a mesothelioma claim where diagnosis is straight forward;
- There are only a few defendants;



- There would be no economic loss claim and only a limited need for non-medical expert evidence; and
- There are no significant liability issues with the main issues being quantum.

Case 2, which included:

- Significant medical issues such as on diagnosis, extent of disability, other health issues contributing to the disability (co-morbidity) and prognosis/future care;
- More defendants, as where damages are divisible;
- Expert evidence of a non-medical or occupational therapy nature, such as an economic loss report; and
- Liability issues, at least involving some of the defendants.

Having constructed the cost structure a number of assumptions are required in order to gain a view of the potential cost savings under each scenario. The particular assumptions that are required are:

- The proportion of claims which settle at each stage in the process for both the old and the new process;
- The proportion of claims typically received of "Case 1" and "Case 2" claims, being claims of a more simple nature and claims of a more complex nature;
- The costs associated with settling urgent cases relative to non-urgent cases;
- The proportion of claims where the Single Claims Manager is used in the hearing as well as in the mediation;
- The proportion of claims where the standard presumptions for apportionment are disputed;
- The term to the full implementation of the new regulations and delivery of cost savings;
- The effect on each separate disease type;
- The extent to which the NSW Government Review recommendations are relevant and accepted in other States; and
- The effectiveness and extent of applicability of the legislation.



Based on these assumptions, we have compared the costs of each stage of the process and the relative costs of a "typical" case under the previous system and under the DDT Act 2005.

When making our estimation of costs and cost savings, we have based this on the "typical" cases as described in the Cost Consultants' Report. We caution that there will inevitably be some cases which are atypical, being exceptionally complex cases, cases involving issues of a test nature (e.g. low-dose exposures, contributions of smoking) or cases involving considerable amounts of disputation. Those cases are impossible to predict in terms of their timing and the quantum of legal costs but we note that to the extent they have arisen in the past they are allowed for within our legal cost assessment pre-cost savings.

# 6.3 Results of the cost consultants' analysis

The Cost Consultants' report provides an estimate of the legal costs for Case 1 and Case 2 dust diseases claims in NSW as described in Section 4.5. The following tables are summaries of the estimated typical legal costs per claim in the Old Process and the New Process.

# Table 6.1: Cost Consultants estimates of legal costs — Old Process (\$)

Stage of proceedings	Plair	Plaintiff's Costs		<b>Defendant's Costs</b>	
	Case 1	Case 2	Case 1	Case 2	
1 — Pleadings	10,745	19,945	3,605	4,760	
2 — Evidence Preparation	16,740	29,970	16,360	27,200	
3 — Hearing Preparation	1,915	4,100	2,800	5,415	
4 — Hearing	5,370	20,540	4,950	20,260	
Total	34,770	74,555	27,715	57,635	

Note: Costs include any relevant Court or filing fees



# Table 6.2: Cost Consultants estimates of legal costs — New Process (\$)

Stage of proceedings			Defendant		
	Plaintiff	Plaintiff's Costs		SCM's Costs	
	Case 1	Case 2	Case 1	Case 2	
1 — Pleadings (particulars, Reply, Cross-Claim	2,512	3,877	735	1,470	
2 — Evidence Preparation / Information exchange	2,100	7,610	3,395	9,255	
3 — Settlement offers / mediation	3,770	6,710	3,770	6,710	
COURT PROCESS (where settlement does not occur at prior stages)					
4 — Preparation for hearing of plaintiff's claim in court	4,431	10,001	3,860	9,430	
5 — Court hearing of plaintiff's claim only	6,125	14,690	6,125	14,540	
Total	18,389	42,887	17,885	41,405	

Note: Costs include any relevant Court or filing fees

#### 6.4 Assumptions

The following section discusses the assumptions chosen for particular variables. The majority of these variables have been selected based on anecdotal evidence, application of judgment based on matters that might affect each of the assumptions and based on advice we have obtained.

# 6.4.1 Proportion of claims settling at each stage

The NSW Government Review reported that in a review of the DDT files where matters had been finalised, 93% were settled, 6.5% proceeded to judgment and 0.5% were discontinued. However, it is understood that of the 93%, a large percentage currently settle "on the steps of the Court".

There exists a possibility that immediately following the implementation of the New Process more matters may go to hearing as parties seek to test certain parts of the process. However, it is felt that such circumstances will be temporary.


We are advised that settlement rates are likely to increase rather than decrease and that settlements are likely to take place at an earlier point in time. This is due to the following factors:

- Early provision of information should place the parties in a stronger position to resolve matters in dispute more expeditiously.
- The Apportionment and Single Claims Manager processes should remove many of the disputes amongst defendants as being a reason why the plaintiff's claims do not usually settle until just before hearing.
- The mediation process should be effective in promoting early settlement.
- The revised cost penalties rules and procedures should encourage more cases to settle.

We are advised that the potential range of settlement rates likely are shown in the table below, reflecting the proportion of claims which settle at each stage of the Old Process and New Process.

# Table 6.3: Range of proportion of claims settling by each stage

		Old Process			New Process		
	Low	Medium	High	Low	Medium	High	
Pre-mediation settlement				20%	40%	60%	
Settlement up to end of Issues & Listing							
Conference / mediation	20%	30%	40%	40%	35%	25%	
Settlement after hearing preparation	60%	55%	50%	25%	15%	10%	
Settlement during hearing or Judgment at end							
of hearing	20%	15%	10%	15%	10%	5%	



We have taken the average of the low and high range of the results as our central estimate (i.e. the medium rates above), although we have also sensitivity tested the impact of the high and low scenarios upon potential cost savings.

# 6.4.2 Relative weighting between Case 1 and Case 2

The Cost Consultants' report indicates that the proportionate savings from a more complex case (Case 2) is higher than that under a more simple case (Case 1).

The actual portfolio of cases of the Liable Entities will consist of a mix of Case 1 and Case 2 claims, and in fact an array of claims with characteristics lying somewhere in between Case 1 and Case 2.

We have estimated the proportionate level of cost savings of the portfolio of claims against the Liable Entities by blending the savings under Case 1 and the savings under Case 2.

The factors which influence the "type" of claim are:

- The disease type;
- The number of defendants;
- The number of experts;
- The range of experts; and
- The issues in dispute.

Within that, the following observations are relevant to the mix of claims by type, and for each disease:

- Mesothelioma and asbestosis cases should generally have limited medical issues as those will already have received significant consideration in recent years by the DDT so such cases ought not raise complex medical issues;
- The divisibility of asbestosis (meaning that a proportionate liability applies to each period of exposure) might increase the relative complexity of asbestosis and reduce the relative complexity of mesothelioma cases;
- Medical issues relating to lung cancer and ARPD claims can be substantial as to causation or dosage;



- · Claims by retired individuals should generally be of a less complex nature owing to limited disputation regarding economic loss assessments; and
- Cases involving a larger number of defendants tend to be associated with increased issues regarding the level of contribution and settlement with the plaintiff.

We have analysed the number of defendants involved in claims in which the Liable Entities have been joined.

#### Table 6.4: Analysis of the number of defendants co-joined

Number of defendants	Proportion of claims
1	33%
2	26%
3	15%
4	9%
5+	17%
Total	100%

Note: This table is not an analysis of unique defendants. Accordingly, a company or its subsidiaries joined a multiple of times will be counted a multiple of times, rather than counted once. This is similarly the case for the Liable Entities, when more than one of Amaca, Amaba and ABN60 may be co-joined in a claim.

It is of note that 59% of cases involve 2 defendants or less and that 74% involve 3 or less (some cases of which involve the joining of two Liable Entities in the claim). There are, on average, 2.7 defendants per claim.

We have also considered the mix of claimants by age and the incidence of large claims (these being associated with cases involving younger people with substantial economic loss issues to consider). The results of these analyses are that:

- 35% of all claimants are younger than 65 years of age;
- 20% of all claimants are younger than 60 years of age; and
- 10% of all mesothelioma claims result in a liability award against the Liable Entities in excess of \$0.5m.



Based on these analyses we have adopted a relative weighting for mesothelioma cases of 70% of claims being of Case 1 and 30% being of Case 2.

#### 6.4.3 Urgent claims

Given the nature of mesothelioma claims and the relatively short life expectancy that is typical on diagnosis, it is likely that a relatively high proportion of mesothelioma claims may be seen as being urgent.

Advice contained within the Cost Consultants' report suggests that the legal costs of managing and settling urgent claims will not significantly differ compared with non-urgent claims, with lower total hours spent on the case but that the case would require more senior legal representation.

We note that such advice relates to "typical" urgent cases, rather than urgent cases involving exceptional circumstances of the plaintiff.

Furthermore, where an urgent case will take a number of months to complete, the Regulation requires the DDT to consider whether the Apportionment and Mediation procedures under the DDT Act 2005 should be applied. In these circumstances, it is believed that defendants will be as likely, or more likely, to have the information they need to settle an urgent claim and thereby achieve earlier settlement compared with the current DDT system.

Accordingly, we have assumed that there will be no differential in the costs, and therefore the proportionate cost reductions, of an urgent claim relative to a non-urgent claim with the same characteristics.

6.4.4 Proportion of claims using Single Claims Manager at hearing

The Regulations make it possible for the Single Claims Manager to be used in the hearing process as well as during mediation. By using a Single Claims Manager in the hearing process, the legal cost savings would be higher than if all defendants reverted to their own legal representation at this point in the process. For the Single Claims Manager to continue representing all defendants within the hearing, all parties must provide their agreement. The extent to which this happens will depend on:

- Whether one or more defendants are pursuing a liability defence;
- Whether one or more defendants are pursuing a cross-claim or there is a contribution dispute;
- The performance of the Single Claims Manager in the Mediation process; and



• The degree of confidence of defendants in each other's legal practitioners.

Accordingly, it is unlikely that the Single Claims Manager will always be used in the hearing process as there will often be contribution or liability issues which lead to conflicts between defendants. Furthermore, it may take time for the confidence in each others' legal practitioners to develop.

However, given the imperative is upon all defendants to act commercially, and given the potential to achieve further savings by retaining the Single Claims Manager throughout the hearing, it has been assumed that over the long term the Single Claims Manager will be retained in 50% of all cases which reach this stage of the proceedings and in which the Single Claims Manager has been appointed.

It should be noted that this assumption is extremely difficult to predict as it is affected by qualitative rather than quantitative factors.

However, the potential variation in the discounted value of legal cost savings in NSW as a result of changes in this assumption (to 0% and to 100%), whilst holding all other assumptions constant, is +/- \$2m.

#### 6.4.5 Proportion of claims where initial apportionment is disputed

Under the new claims resolution process, provisional apportionment will be determined at the outset by independent assessment, if agreement cannot be reached amongst defendants, using standard presumptions.

The following factors are expected to influence the potential savings:

- The early provision of information in relation to the exposure history should enable the early identification of potential contributors (crossdefendants);
- The significant reduction in cross-claim filing fees (except for those cases where the contribution dispute proceeds to Court);
- The process of determination of a set of standard presumptions relating to contribution made by the contributions assessor; and
- The cost penalties which will deter smaller contributors in contesting the standard presumptions as they need to improve their allocation by \$20,000 or 10%, whichever is the greater.

Based on consideration of the above factors, we have used the ranges shown in the table below to reflect the proportion of claims which settle at each stage of the new claims resolution process.



## Table 6.5: Proportion of apportionment issues resolved at each stage

	Probability of
Stage of settlement	dispute
Defendants agree on contribution	60% - 80%
Notification of dispute / Plaintiff examined under oath	10% - 20%
Pre-hearing steps	0% - 5%
At Hearing	5% - 20%

We have taken the average of the low and high range of the results as our central estimate, although we have also sensitivity tested the impact of the high and low scenarios upon potential cost savings.

# 6.4.6 Term to full implementation

The transition arrangements for implementation as defined within the legislation introduced into Parliament are as follows:

- All claims commenced on 1 July 2005 or after will be subject to the new claims resolution process.
- Claims commenced prior to the 1 July 2005 can be resolved through the new claims resolution process if:
  - A hearing date has not been set as yet; and/or.
  - One or more parties seek that the new claims resolution process should be used

However, it is clear that there will be a period of time where full efficiency of the legislated new process, and of the associated cost savings, will not accrue as the various parties involved understand the nature of the process.

It is also possible that in the short term there may be some increased costs associated with the process as defendants and plaintiffs become familiar with and learn about the New Process and that certain parts of the process may be contested as parties dispute the application of those procedures.

However, given that there are few practitioners, there ought to be a quicker transition than that which would be seen if there were a larger number of practitioners.



#### 6.4.7 The effect on each separate claim type

Legal costs vary significantly by the type of claim, and in particular in comparison with the size of the award. In our submission to the NSW Government Review, we noted that lung cancer legal costs for the Liable Entities were 71% of the Liable Entities' share of the award, that the relevant figure for asbestosis was 73% and that the relevant figure for ARPD & Other was 53%.

Estimation of the potential savings in relation to the other disease types is much more subjective than mesothelioma claims, given:

- The low volume of non-mesothelioma claims notified or settled within any one year; and
- The range of matters in dispute owing to medical issues, the number of defendants potentially involved in the claim, issues of divisibility, and the incidence of test cases. Such test cases might involve considerations of the impact of the smoking history of a plaintiff upon the incidence of lung cancer and matters relating to asbestosis claims which may be dependent on any discussion regarding the level of asbestos exposure.

As discussed in greater detail in Section 6.4.2, it is possible that cases are generally more complex for the other disease types compared with mesothelioma cases. Accordingly, it is more likely that a greater proportion of those cases would be "Case 2" in nature, and that proportionate savings may potentially be higher.

That said, lung cancer cases (which are often subject to resolution of complex legal issues) make up only 20% of all non-mesothelioma cases, and most asbestosis cases (which makes up 60% of all non-mesothelioma cases) ought to be more straight-forward in nature, albeit slightly more complex than a typical mesothelioma case owing to issues of divisibility.

Taking into consideration the above factors, including the increased incidence and possibility of complex test cases for these types of claim, we have taken the view that the proportionate savings from non-mesothelioma cases will be equal to that for mesothelioma.



# 6.4.8 The proportion of claims within each State

At present, legislation modifying the current claims process has been introduced in NSW only, although we note that the Final Funding Agreement envisage the NSW Government undertaking to seek active participation of other States in the processes and protocols arising from the NSW Government Review.

Nonetheless, in quantifying the cost savings, it is important to consider the proportion of claims costs which relate to NSW and the proportion which relates to other States.

The following figure shows how the total award cost of claims settled varies by state and by settlement year in current real terms.



# Figure 6.1: Split of total award cost of claims by State in current money terms

This figure shows that NSW has historically represented 70% of the total claims costs, although in the most recent two years this has fallen to around 55% largely as a consequence of the substantial increase in claim numbers in Victoria and the increasing average mesothelioma awards in Victoria and WA relative to NSW.



In some part, this increase in average award size in the other States may have been due to the impact of the Schultz vs. BHP decision, such that claims previously being brought and settled in NSW have either commenced in other States or have, in a small number of cases to date, been cross-vested into other States.

We have taken the view that the trend of claims in Victoria and, to a lesser extent, WA is not part of a one-off fluctuation. Accordingly, we would not (in those circumstances) expect the percentage of costs relating to NSW to return to the 70% levels historically seen.

We would expect that the proportion of costs relating to NSW would trend down further with the impact of Schultz vs. BHP. This is because the impact of Schultz will not have fully been reflected in the historic experience and the reduction to 55% has been caused by increased activity and average awards in Victoria rather than solely by the effect of Schultz. We therefore expect some potential further reductions in the proportion of liabilities which relate to NSW with increased utilisation of the Schultz decision. However, the decision in Frost vs. Amaca, should the appeal not prove successful, could act to counter the Schultz vs. BHP decision somewhat. Accordingly, we have estimated the following proportions of claims costs from each State in future years.

## Table 6.6: Estimated future proportion of liabilities by State

	Proportion
NSW	45% - 55%
Victoria	20% - 30%
WA	10% - 20%
Queensland & Others	10%

For our central estimate assessment, we have taken the middle of each of these ranges.

We have been asked to quantify the potential savings that might be achievable in the other States if procedural reforms were implemented in Victoria, Western Australia, Queensland and South Australia.

<sup>6.4.9</sup> Legal cost savings in other States



The legislation passed in NSW was passed after considerable review of the processes in NSW and how they could be modified. It is difficult to assess whether such legislation, or parts of it, could be applied in other States and the relative level of cost savings that would arise as a result of such implementation.

Furthermore, it is by no means certain whether all States will participate in implementing most, or any, of the procedural reforms adopted in NSW or the extent to which such processes will be effective in streamlining the administration and settlement of dust diseases claims in those States.

In this regard, it should be noted that there has not yet been any indication of a commitment by the Governments of the other States to accept or implement any procedural reforms at this time.

Therefore, whilst we have estimated the potential savings, it should be noted that the estimation of the level of legal cost savings that will eventuate from each of the other States is subject to considerable uncertainty.

# <u>Victoria</u>

In Victoria, the legal system is believed to be as formal and complex as that in NSW prior to the New Process. We have been advised that the following NSW reforms would be effective in reducing costs in Victoria:

- The early exchange of information;
- Absence of formal pleadings and process for information exchange and evidence gathering;
- Evidence and expert reports only required on matters of dispute;
- Mediation occurring earlier in the process than currently happens in Victoria;
- The Apportionment process to determine contribution between liable parties, which shall be used as the standard presumption; and
- The use of a single claims manager, although this might have less impact than in NSW as there is believed to be lower disputation between defendants than in NSW.

It is believed that these reforms could, if implemented, result in similar proportionate cost reduction levels as those anticipated in NSW.



#### Western Australia

In Western Australia, claims appear to settle at an earlier stage than in NSW and Victoria. Furthermore, it appears that whilst exchange of information takes place by formal procedure, provision of information to defendants on a more informal basis before the lodgement of a Statement of Claim also occurs in many cases. There also appears to be an active dispute resolution process which acts as a mediation framework.

We have previously observed that legal costs in Western Australia are lower than those in Victoria and NSW and this is consistent with the above observations.

It is expected that were the Western Australia State Government to implement procedural reforms, savings would be achievable but there would not be proportionally as great as that anticipated in NSW as some of the streamlined NSW procedures under the New Process already take place in Western Australia.

That said, the procedures which would have the ability to bring about legal cost savings include:

- Absence of formal pleadings and process for information exchange and evidence gathering;
- Evidence and expert reports only required on matters of dispute;
- A formal process of mediation to promote earlier settlement and to resolve disputes amongst defendants more expeditiously;
- The Apportionment process to determine contribution between liable parties, which shall be used as the standard presumption; and
- The use of a single claims manager.

#### Queensland and South Australia

To date there have been very few cases run in Queensland or South Australia. The majority of Queensland related cases have instead been commenced and settled in the NSW Dust Diseases Tribunal.

It appears that the Personal Injury Proceedings Act 2002 ("PIPA") provides a framework which, if applied to dust diseases claims (noting PIPA does not currently apply to dust diseases claims), would be broadly equivalent to the New Process in NSW. Furthermore, PIPA permits the appointment of a Single Claims Manager.



If an apportionment process consistent with that being adopted in the New Process in NSW was also implemented concurrently with PIPA, one would expect that savings similar to those anticipated in NSW could be achieved if the Queensland State Government were to implement such reforms.

### **Other States and Territories**

In view of the minimal volumes of claims run in ACT, Tasmania and NT to date, and the limited exposure that has arisen from those States to date (only 10 mesothelioma claims have been reported since 1980 with Tasmania, ACT or NT exposure), we have made no allowance for any potential savings from these States.

#### 6.5 Resultant Legal savings

Taking into account the above discussions and assumptions, together with the results from the Cost Consultants' report (as detailed in Section 6.3), the proportionate reductions in legal costs that we have estimated are shown in the following table:

## Table 6.7: Estimated proportion of legal costs saved by State

	Proportion saved
NSW	40%
Victoria	40%
WA	10%
Queensland & South Australia	20%
Other States	0%



# 7 ECONOMIC ASSUMPTIONS

### 7.1 Overview

The two main economic assumptions required for our valuation are:

- The underlying claims inflation assumptions adopted to project the future claims settlement amounts and related costs.
- The discount rate adopted for the present value determinations.

These are considered in turn below.

#### 7.2 Claims inflation

We are required to make assumptions about the future rate of inflation of claims costs. We have adopted a standard Australian actuarial claims inflation model for liabilities of the type considered in this report that is based on:

- An underlying, or base, rate of general economic inflation relevant to the liabilities, in this case based on wage/salary (earnings) inflation; and
- A rate of superimposed inflation, i.e. the rate at which claims costs inflation exceeds base inflation.
- A rate 7.2.1 Base inflation basis

Ideally, we would aim to derive our long term base inflation assumptions based on observable market indicators or other economic benchmarks. Unfortunately, such indicators and benchmarks typically focus on inflation measures such as CPI (e.g. CPI index bond yields and RBA inflation targets).

We have therefore derived our base inflation assumption from CPI based indicators and long term CPI / AWOTB relativities.

7.2.2 CPI assumption

We have considered two indicators for our CPI assumption.

- Market implied CPI measures.
- RBA CPI inflation targets.

<sup>8</sup> AWOTE = Average Weekly Ordinary Time Earnings



We have measured the financial market implied expectations of the longer-term rate of CPI by reference to the gap between the yield on government bonds and the real yield on government CPI index-linked bonds.

The chart below shows the yields available for 10-year Commonwealth Bonds and Index-linked bonds. The gap between the two represents the implied market expectation for CPI at the time.





Source: RBA Website www.rba.gov.au

It can be seen that the implied rate of CPI has varied between 1.5% per annum and 4% per annum during the last 10 years, although it has broadly remained between 2% and 3% per annum since March 2000.

Currently, the effective annual yield on long-term government bonds is 5.4% p.a. and the equivalent effective real yields on long-term index-linked bonds is approximately 2.3% per annum. This would imply current market expectations for the long-term rate of CPI were of the order of 3.1% per annum.

In considering this result we note that:

•

This implied CPI rate has varied significantly in recent months (e.g. from around 2.5% as at 30 June 2005 to 3.1% at March 2006).



- The yields on both nominal and CPI-linked government bonds are driven by supply and demand, and both are in increasingly short supply in the market. The yields on both, and their relativities, are subject to some volatility and likely some short term distortion.
- The RBA's long term target is for CPI to be maintained between 2% and 3% per annum.
- While the RBA has been relatively successful with this target over the recent past, over the longer term future the risk of events leading to inflation
  emerging occasionally outside this range needs to be allowed. Given a likely upside bias to such events, longer term inflation at the higher end of the
  RBA's range would not be unexpected.

Weighing this evidence together, this suggests a long term CPI inflation benchmark of 2.75% to 3.00% per annum.

7.2.3 Wages (AWOTE) / CPI relativity

The following table summarises the average annualised rates of AWOTE and CPI inflation, and their relativities, for various historic periods:

# Table 7.1: Annualised rates of CPI and AWOTE

	AWOTE	СРІ	AWOTE - CPI
1970 — 2005	7.91%	6.20%	1.71%
1980 — 2005	5.99%	4.68%	1.31%
1990 — 2005	4.28%	2.51%	1.77%
1995 — 2005	4.47%	2.50%	1.98%

Figure 7.2 shows these yearly results, graphically, for the 1970 to 2005 period.





# Figure 7.2: Trends in CPI and AWOTE: 1970 – 2005

In considering the above, we note:

- The last period from 1995 reflects largely a continuous period of economic growth which may not be reflective of longer term trends.
- The longer periods cover a range of business cycles, albeit that the period from 1970 includes the unique events of the early 1970's.

Allowing for these factors, the historic data suggests a CPI / AWOTE relativity, or gap, of 1.5% to 1.75%.

On this basis, given a longer term CPI benchmark of 2.75% to 3.00%, it would suggest a longer-term wage inflation (AWE) assumption of 4.25% to 4.75% p.a.

We note that such an assumption is not inconsistent with actual wage inflation over recent years (see Table 7.1 above) which has arisen during economic conditions not dissimilar to those reflected in the current market interest rates looking forward.



#### 7.2.4 Impact of claimant ageing and non-AWOTE inflation effects

The overall age profile of claimants is expected to rise over future years with the consequent impact that, other factors held constant, claims amounts should tend to increase more slowly that pure average wage inflation. This is due to both reduced compensation for years of income or life lost and a tendency for post retirement age benefits to possibly increase closer to CPI than AWOTE.

Furthermore, we note that some heads of damage would be expected to rise at CPI or lower, such as general damages and compensation for loss of expectation of life. Other heads of damage, including loss of earnings, would be expected to rise at AWOTE; whilst medical expenses and care costs would be expected to rise in line with medical cost inflation which in recent times has been in excess of AWOTE.

Taking these factors into account, we have reduced our base inflation assumption by 0.25% to 0.50% p.a. from the AWOTE rate indicated above for the combined effect of ageing and other non-AWOTE inflation drivers of the benefits.

Weighing all of this together, we have adopted a base inflation assumption of 4.25% p.a.

#### 7.2.5 Superimposed inflation

As discussed later in Section 9, actual claims inflation has been approximately 6% per annum historically. This is against corresponding general wage inflation (making some minor allowance for ageing effects as above) over the same period of approximately 4%. This implies average superimposed inflation has been approximately 2% per annum.

Prospectively, we have assumed that superimposed inflation will also be 2% per annum over the long-term, although it should be noted that the actual rate of claim inflation exhibited in any one year will be inherently volatile.

In addition, the 2% superimposed inflation allowance is not inconsistent with superimposed inflation experience we have seen under other relevant liability portfolios.

Given our future base inflation assumption looking forward of 4.25% per annum, adopting a 2% superimposed inflation would indicate a longer term overall claims cost inflation assumption of 6.34% per annum (as the inflation components are combined multiplicatively).

We discuss the claims inflation assumptions further in Section 9.



# 7.2.6 Summary of claims inflation assumptions

The table below summarises the claims inflation assumptions we have used within our current and previous liability assessments.

# Table 7.2: Claims inflation assumptions

	31 March 2006	30 June 2005	31 March 2005
Base inflation	4.25%	4.00%	4.00%
Superimposed inflation	2.00%	2.00%	2.00%
Claim cost inflation*	6.34%	6.08%	6.08%

\* Base and superimposed Inflation are applied multiplicatively in our models so that claim cost inflation is calculated as 1.0425 \* 1.02 - 1

#### 7.3 Discount rates: Commonwealth bond zero coupon yields

We have adopted the zero coupon yield curve at 31 March 2006, underlying the prices, coupons and durations of certain Australian government bonds for the purpose of discounting the liabilities for this report.

The use of such discount rates is consistent with standard Australian actuarial practice for such liabilities, is in accordance with Professional Standard PS300 and is also consistent with our understanding of the Australian accounting standards in this regard.

Table 7.3 shows the zero coupon yields adopted for each duration of cashflows.



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# Table 7.3: Zero coupon yield curve by duration

Year	Yield at 31 March 2006	Yield at 30 June 2005	Yield at 31 March 2005
1	5.44%	5.33%	5.73%
2	5.41%	5.08%	5.71%
3	5.44%	5.09%	5.71%
4	5.46%	5.11%	5.71%
5	5.49%	5.14%	5.72%
6	5.51%	5.17%	5.74%
7	5.54%	5.20%	5.77%
8	5.56%	5.23%	5.80%
9+	5.57%	5.25%	5.82%

The equivalent single uniform discount rate, based on cashflows weighted by term, is 5.52% per annum at 31 March 2006 (30 June 2005: 5.20% per annum).

It is important to note that the discount rate can vary, perhaps significantly, between valuations, and can thus cause fluctuations in the present value of the liability. This has been seen at this valuation where yields at longer durations:

• have reduced from 5.82% at the March 2005 valuation to 5.25% at the June 2005 valuation, a reduction of 0.57% per annum; and

have increased from 5.25% at the June 2005 valuation to 5.57% at the March 2006 valuation, an increase of 0.32% per annum.

It is also important to understand that if assets actually held to back the liabilities are not matched to those assumed (by type and/or amount), the future investment earnings earned may deviate from those implicitly allowed for within the actuarial valuation. This might generate either profits or losses relative to the discount rates adopted.



#### 7.4 Consistency of economic assumptions

An important consideration to bear in mind when setting economic assumptions is the consistency of the various assumptions. For a valuation involving the long-term inflating of cashflows and then discounting these cashflows to current money terms, a key consideration is the relativity between the assumptions.

Whilst future investment yields on government bonds will change, so too will the rate of future wage inflation and consequently also the overall rate of claims inflation. The key factor is whether the gap between the two factors remains reasonable.

Within our current valuation, we have allowed for base inflation at 4.25% per annum, superimposed inflation at 2% per annum, and average yields at 31 March 2006 of 5.52% per annum. As such, the gap between claims inflation and the yield is 0.82% per annum (being 6.34% - 5.52%).

This compares with our valuation at 30 June 2005 where the gap was 0.88% per annum and with March 2005 where the gap was 0.31% per annum.

As such, there has been a strengthening in the valuation basis over the last financial year resulting from the change in economic assumptions of about 0.51% per annum.

This is not inconsistent with the narrowing of the real yields on CPI index-linked bonds over the same period which have reduced by approximately 0.5%.

# 8 ANALYSIS OF CLAIMS EXPERIENCE — CLAIM NUMBERS

#### 8.1 Overview

We have begun by analysing the pattern of notifications of claims as shown in Table 8.1. This table shows the claim notifications by year since 1991/92 and all prior claim notifications in aggregate.

## Table 8.1: Number of claims reported annually

	<b>N</b> 4.1		-			Workers	
Report Year	Mesothel ioma	Asbestos is	Lung Cancer	ARPD & Other	Wharf	Compen sation	All claims
		47	9				
Pre-1991	69		9	34	4	350	513
1991/92	25	13	5	6	4	29	82
1992/93	41	19	10	9	2	34	115
1993/94	56	39	16	30	5	67	213
1994/95	81	13	8	15	4	30	151
1995/96	72	24	16	23	3	32	170
1996/97	84	36	15	20	1	39	195
1997/98	108	32	20	17	2	51	230
1998/99	94	26	12	13	3	30	178
1999/00	94	42	16	11	14	38	215
2000/01	126	46	29	21	26	38	286
2001/02	160	92	23	31	16	60	382
2002/03	178	91	35	41	15	51	411
2003/04	183	98	26	29	10	36	382
2004/05	261	119	30	30	6	61	507
2005/06*	200	92	29	21	4	34	380
All Years	1,832	829	299	351	119	980	4,410

\* Data for 2005/06 from 1 April 2005 to 31 March 2006



#### 8.2 Mesothelioma claims

It can be seen that for mesothelioma, the incidence of notifications showed a step change upwards from 2000 and a steady rate of increase to the 2003/04 financial year, to 183 claims.

However, it is also apparent from the claims information that there was a further upward step in claim numbers during 2004/05 with 261 claims reported in the year.

There have been 200 claims reported during 2005/06.

## 8.2.1 Monthly analysis of notifications

We have examined the mesothelioma claims reported on a monthly basis to better understand the nature of the trends.



#### Figure 8.1: Monthly notifications of mesothelioma claims: 2000-2006\*

\* Data for 2005/06 from 1 April 2005 to 31 March 2006

In our previous report we noted that there had been a consistent high trend in claim numbers. We noted that February and March 2005 exhibited a high number of claims reported mainly as a result of a late filing of 18 claims for statutory recovery by WorkCover Queensland.



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This trend of high claims reporting has not continued throughout the 2005/06 financial year, for which there have been 200 claims reported. That said, the experience in the most recent 6 months, with 110 claims reported in this period, has been higher than that exhibited during the first quarter of the financial year (43 claims) and has reverted to levels closer to that forecast in our valuation at June 2005 (20 claims per month).

#### 8.2.2 Claims notifications by State

We have monitored the claims notifications patterns by State in which the claim is filed. Table 8.2 shows the number of claims notified by year by State.

# Table 8.2: Number of mesothelioma claims by location of claim filing

керогі								
Year	NSW	VIC	WA	QLD	NZ	USA	Other	Total
Pre-1994	108	52	26	1		1	3	191
1994/95	57	18		2			4	81
1995/96	48	17	2	3			2	72
1996/97	55	11	9	2			7	84
1997/98	81	16	4	3			4	108
1998/99	61	25	4	2			2	94
1999/00	58	21	8	2		1	4	94
2000/01	70	28	14		3	7	4	126
2001/02	103	27	21		5	2	2	160
2002/03	110	41	23	2			2	178
2003/04	110	47	26					183
2004/05	111	93	33	19			5	261
2005/06*	91	57	35	5			12	200
Total	1,063	453	205	41	8	11	51	1,832
		—	—	—	-	—		

Data for 2005/06 from 1 April 2005 to 31 March 2006

It can be seen that the most significant States, in relation to where claims have been filed to date, are NSW (58%), Victoria (25%) and WA (11%).



However, the trend changed somewhat in 2004/05 with NSW making up 43%, Victoria making up 36% and WA making up 13% in 2004/05.

Experience in 2005/06 has continued the pattern observed in 2004/05 with NSW making up 46%, Victoria making up 29% and WA making up 17%.

It is of interest that Queensland has contributed only 2% of total claims to date, but that almost half of these claims relate to 2004/05, reflecting a substantial number of filings (18) of claims for contribution by WorkCover Queensland against Amaca in February and March 2005 in relation to claims which had already been settled with the relevant plaintiffs. A number of cases related to years much earlier than 2005 and they appeared to involve a clearing of a backlog of claims.

In part these trends will have been contributed to by the decisions of Schultz vs. BHP which will lead to claims being more regularly heard in the State of exposure rather than NSW.

#### 8.2.3 Base valuation assumption

In setting a base valuation assumption for 2006/07, we need to consider whether the observations in 2004/05 were one-off fluctuations or were part of a new trend, and especially the extent to which 2005/06 has been impacted by 2004/05, i.e. how much faith can be placed in the latest emerging experience. We have the option of:

- Ignoring the latest experience and dismissing it as simply a one-off fluctuation, maintaining the previous assumption for notification years 2006 and onwards.
- Recognising it in part, and giving some credibility to the emerging experience.
- Recognising it in full, and asserting this to be part of a new trend which will continue in relation to all future years of claims.

The areas where we need to consider this are:

- The somewhat resurgent experience over the latter part of 2005/06 (see Figure 8.1);
- In relation to the sharp increase in claims from Victoria in 2004/05 and the subsequent reduction in 2005/06; and
- In relation to the statutory recovery claims from WorkCover Queensland and the underlying expectation of cross-claims activity from WorkCover Queensland prospectively.



# Claims experience in the second half of the 2005/06 financial year

In relation to the claims experience in the 2005/06 financial year, we have noted that whilst the experience seems favourable relative to expectations, trends in recent months (notably the second half of 2005/06) have been less favourable.

We have considered whether there was an acceleration of claims reporting in 2004/05 in relation to mesothelioma claims which may have increased the number of claims reported in 2004/05 and consequently reduced the reporting activity in the early part of 2005/06.

Given the nature of the disease, accelerated reporting can only realistically involve one or two months shift in the delay between diagnosis and claim notification.

We have reviewed the average delay from diagnosis to notification since 2000 and the following chart summarises the results of that analysis.





The average delay from diagnosis to notification is affected by:

•

The underlying average delay of the short-delay claims (as indicated by the red line in the above chart); and



The incidence of a number of long-delay claims (which affects the magnitude of the gap between the two lines in the above chart).

Analysis of the underlying data shows that the large increase in the average delay for 2003/04 was due to a number of long delay claims (more than 5 years). These claims are mainly "Compensation to Relatives" claims made by relatives of deceased plaintiffs.

In 2001/02, there was a significant increase in claims activity (as shown in Table 8.1). It is possible that the increase in claims activity was in part due to filing of claims that were in progress before 2001/02 but which had not yet been filed and that therefore a number of longer duration claims emerged, thereby increasing the average delay from diagnosis to notification. This can be evidenced by the fact that the overall average increased whilst the average of short-delay claims decreased.

Given this clearance of "backlog" the claims reported in 2002/03 would therefore predominantly relate to claims arising from more recent diagnoses of illness and the delay accordingly shortened.

The average delay (of all claims) for 2004/05 was lower than for previous years, with the exception of 2002/03 which might provide some support for the assertion that the level of claims activity in 2004/05 was, in part, a result of accelerated reporting relative to 2003/04. The average delay in 2004/05 was some 1.5 months less than 2003/04.

The reduction in the delay in 2005/06 is likely to also be due to the clearance of "backlog" in 2004/05, arising from the perceived concerns over the solvency of the MRCF at that time, such that claims reported in that period would arise from more recent diagnoses of illness and the delay accordingly shortened.

The evidence is not, however, conclusive in this regard.

We have reviewed the number of mesothelioma claims reported on a monthly basis and reviewed the rolling 3-month, 6-month and 12-month averages in recent periods.





# Figure 8.3: Rolling averages of mesothelioma claim notifications

## \* Data for 2005/06 from 1 April 2005 to 31 March 2006

It can be seen that the current rolling averages at March 2006 are between 200 (12 month average) and 240 (3 month average). It can also be seen that the 3-month average has shown an upwards trend since August 2005.

By contrast, the 12 month average has shown a steady decline since March 2005, although the decline has now halted and the 12-month average is now increasing.

## Victoria and WorkCover Queensland

It is our view that in relation to the Victoria claims it is likely that the increase is in part due to the impact of Schultz vs. BHP and is partly a new trend of increasingly co-joining the Liable Entities in claims.

In setting our assumption for 2006/07 we have made some allowance for increased activity in Victoria and have assumed that some of the increase in 2004/05 was an acceleration of claims that would otherwise have been reported in 2005/06.



In relation to WorkCover Queensland, we have taken the view that the 2004/05 cross-claims were, in part, a clearance of a backlog of statutory recoveries. We also note that contribution or reimbursement to such Schemes will be met only to a limited extent by the Special Purpose Fund.

#### Base valuation assumption adopted

In setting an assumption for 2006/07, we have taken into account the experience in 2005/06 generally, but with particular regard to the more recent experience in the last six months, which seems to have shown a return closer to levels that we had previously forecast (of about 20 claims per month). We also consider that the level of claims activity in the early part of 2005/06 was affected by the accelerated reporting in 2004/05.

We have projected 240 claims to be reported in 2006/07, being equivalent to 20 claims per month. This is unchanged from our previous projection at June 2005.

The chart below shows the change in valuation basis assumptions for mesothelioma since we conducted our first review during the Special Commission of Inquiry.



Figure 8.4: Change in mesothelioma claims projections at successive valuations





### 8.3 Asbestosis claims

It can be seen in Table 8.1 that for asbestosis, the incidence of notifications has shown a step change upwards since 2000/01 and a gradual increase to 2003/04.

The number of asbestosis claims increased substantially from 98 in 2003/04 to 119 in 2004/05.

There have been 92 claims reported during 2005/06.

## 8.3.1 Monthly analysis of notifications

We have examined claims on a monthly basis by disease type and by State in which the claim is being filed, to better understand the nature of the trends.





\* Data for 2005/06 from 1 April 2005 to 31 March 2006

There has been considerable volatility in reporting in the last 2 years, with the second quarter of 2005/06 showing a considerable reduction in claims reporting. It is of note that claims activity in recent months appears to have reverted closer to levels we had previously forecast (of about 9 claims per month).



# 8.3.2 Claims notifications by State

Again, it has been observed that the claims being filed in Victoria (see below) showed a considerable increase in numbers in 2004/05, although NSW also appeared to have increased, albeit not at the same rate as Victoria.

Report								Grand
Year	NSW	VIC	WA	QLD	SA	Other	USA	Total
Pre-1994	65	41	7			4	1	118
1994/95	11	2						13
1995/96	19	3			1	1		24
1996/97	27	8	1					36
1997/98	28	4						32
1998/99	22	3				1		26
1999/00	29	12					1	42
2000/01	36	7				1	2	46
2001/02	76	15			1			92
2002/03	78	9			3	1		91
2003/04	73	21	3	1				98
2004/05	81	25	4	7	1	1		119
2005/06*	33	31	2	21	5			92
Total	578	181	17	29	11	9	4	829

# Table 8.3: Number of asbestosis claims by location of claim filing

\* Data for 2005/06 from 1 April 2005 to 31 March 2006

It can be seen that there has been a large increase in asbestosis claims in Queensland in 2005/06. This, in part, appears to be a function of cross-vesting as there appears to have also been a substantial reduction in NSW.

As with mesothelioma, we need to assess whether the increase in claims in 2004/05 or the subsequent reduction in 2005/06 is part of a new trend or simply a fluctuation. We also need to assess how much to take into account the emerging experience of the most recent financial year.



We have made some allowance for the emerging experience and have adjusted our valuation in light of the experience in the most recent financial year, particularly in relation the experience in the latter part of 2005/06.

As with mesothelioma, we have considered rolling 3 month, 6 month and 12 month averages in considering the projected level of claims activity in 2006/07.



### Figure 8.6: Rolling averages of asbestosis claim notifications

## \* Data for 2005/06 from 1 April 2005 to 31 March 2006

It is not surprising that asbestosis shows greater volatility than mesothelioma, given the smaller number of claims involved. It can be seen that recent 3 month averages have varied between 50 and 120 claims per annum, with it currently running at 112 claims per annum.

For 2006/07, we have based our projections on an underlying 9 claims per month, or 108 claims per annum. This is unchanged from our previous assumption.

# 8.4 Lung cancer claims

For lung cancer claims, the notifications have been steady and do not appear to have shown the same pattern of notification as mesothelioma and asbestosis. Indeed, the experience in 2004/05 turned out to be just 4 claims higher than 2003/04, at 30 claims.



There have been 29 claims reported during 2005/06.

In our previous report, we projected 29 claims for 2005/06 and 31 claims for 2006/07. At this valuation, we see no evidence to vary this assumption.

### 8.5 ARPD & Other claims

In relation to ARPD & Other claims, the number of claims fell from 41 in 2002/03 to 29 in 2003/04 and then increased to 30 in 2004/05.

There have been 21 claims reported during 2005/06.

We have projected 33 claims to be notified in 2006/07, unchanged from our previous assumption.

#### 8.6 Workers Compensation and wharf claims

The number of Workers Compensation claims, including those met in full by the Liable Entities' Workers Compensation insurers, had previously exhibited some degree of stability over the past few years, at around 50 to 60 per year. However, in 2003/04, the numbers fell to 36 and in 2004/05 they increased to 61.

In 2005/06, there were 34 claims reported, of which 16 claims were reported in the first quarter of the financial year.

It is not clear as to the reason why there has been a substantial reduction in claims activity in 2005/06, particularly since July 2005.

However, we note that if the underlying level of claims activity was expected to be 50-60 claims per annum, the range of observations would be 35 to 75 claims (broadly representing a 95% confidence interval). It therefore appears that the experience in the last five years simply reflects statistical variation.

Accordingly, whilst we have reduced our prospective assumptions slightly, we have not given full credibility to the most recent activity. In particular, we note the volatility of the last three years.

It should be noted that the financial impact of this source of claim is not substantial given the proportion of claims which are settled for nil liability against the Liable Entities (generally in excess of 90%), which results from the insurance arrangements in place.

For wharf claims, we have projected 6 claims to be notified in 2006/07. Again, the financial impact of this source of claim is not material.



## 8.7 Summary of base claims numbers assumptions

In forming a view on the numbers of claims in 2005/06, we have taken into account the emerging experience in the financial year and a revised view of the expected numbers of claims reported monthly based on recent trends. In forming a view as to the base number of claims in 2006/07 from which we calibrate the curve of claims notifications, we have also considered the extent to which the 2004/05 and 2005/06 experience, or previous trends in claims numbers, will continue.

We have adopted the view that the increase in the 2004/05 year was partly a permanent effect, relating to the move to a new scale of joining of the Liable Entities in claims and partly an acceleration of claims that would otherwise have been reported in 2005/06.

Nonetheless, in forming our views, we have given greater credibility to the claims activity in 2004/05 and 2005/06 than the claims activity in prior years.

As outlined in Sections 8.2 to 8.6, our assumptions as to the levels of claims numbers to assume are as follows:

#### Table 8.4: Base claim numbers assumptions

	Average 2004/05 and 2005/06 (annualised)	Second half-year of 2005/06 (annualised)	2006/07 (projected)
Mesothelioma	230	220	240
Asbestosis	106	104	108
Lung Cancer	30	28	31
ARPD & Other	26	20	33
Workers Compensation	47	28	60
Wharf claims	5	4	6
Total	444	404	478



#### 8.8 Exposure information

#### 8.8.1 Australian use of asbestos

Figure 8.7 shows measures of the production and consumption of asbestos in Australia in the period 1920 to 2002. It can be seen that the exposure, being measured in net consumption, appeared to peak in the early to mid 1970s.





Source: World Mineral Statistics Dataset, British Geological Survey, www.mineralsuk.com R Virta, USGS Website Annual Yearbook

At a simple level, a peak of consumption in approximately 1975 might appear to correspond to a peak in notifications of mesothelioma claims in around 2010, being 35 years later (and equal to the mean of the latency period from the average date of exposure of the claimant to the date of notification). The data underlying this chart is shown in Appendix F.

8.8.2 Exposure information from current claims

We have also reviewed the exposure information available in relation to claims notified to date. This has been conducted by using the exposure dates stored in the MRCF's claims database at an individual claim level and identifying the number of person-years of exposure in each exposure year. We have reviewed the pattern of exposure for each of the disease types separately, although we note that they tend to follow similar patterns for each disease type.





# Figure 8.8: Exposure (person-years) of all Liable Entities' claimants to date

The chart shows that the peak of exposure from claims reported to date has so far arisen in 1968. It should be recognised that there is a significant degree of bias in this analysis in that the claims notified to date will tend to have arisen from the earlier periods of exposure.

Over time, one would expect this curve to develop to the right hand side and the peak year of exposure to trend towards the early to mid 1970s, whilst also increasing in absolute levels at all periods of exposure as more claims are notified and the associated exposures from these are included in the analysis.

The relatively low level of exposure from 1987 onwards (about 5% of the total) is not unexpected given that products ceased to be manufactured in 1987 but the exposure after that date likely results from usage of products already produced and sold before that date.

This chart is a cumulative chart of the position to date and does not show temporal trends in the allocation of claims to exposure years.



For example, one would expect that more recently reported claims should be associated with, on average, later exposures; and that claims reported in future years would continue that trend to later exposure periods. If this did not occur, it would suggest mean latency periods would increase substantially over time and that the claimant's age at diagnosis would also rise considerably. This does not appear to be commensurate with trends to date or for that matter with epidemiological research of mesothelioma.

To understand better these temporal trends, we have modelled claimants' exposures for each past claim report year since 1990/91 to 2004//05 separately.



#### Figure 8.9: Exposure (person years) of all claimants to date by report year and exposure year

As can be seen in the above chart, there has been an increasing shift towards the claims occurring years of coverage, evident by the downwards trends in the chart from left to right indicating that an increasing proportion of the claimants' exposure relates to more recent exposure periods.

We would expect that this trend should continue for some time to come and that an increasing proportion of the exposure will relate to the period 1981 to 1985.


## 8.9 Latency Model

Our method for projecting claim numbers is described in Section 5.4. In brief terms, we use the exposure curve together with a model of the latency period of claims to derive an index of future claim notifications which we then calibrate to a base number of claims notifications to estimate the future incidence of claims.

Our latency model for mesothelioma is for latency to be normally distributed with a mean latency of 35 years and a standard deviation of 10 years.

We have monitored the latency period of the claims of the Liable Entities in order to test the validity of those assumptions.

We have measured the mean latency period from the average date of exposure to the date of notification of a claim.

In strict epidemiological terms, the latency period should be measured from the date of exposure to the date of diagnosis. Given that the date of notification lags the date of diagnosis by around 1 year for non-mesothelioma disease types, and slightly less for mesothelioma (see Figure 8.2), the latency trends shown in the following charts might slightly overstate the true latency.

The charts below show the average (mean) latency and the 23th percentile and 75th percentile observations.





# Figure 8.10: Latency of mesothelioma claims

\* Data for 2005/06 from 1 April 2005 to 28 February 2006



# Figure 8.11: Latency of asbestosis claims

Data for 2005/06 from 1 April 2005 to 28 February 2006





Figure 8.12: Latency of lung cancer claims

\* Data for 2005/06 from 1 April 2005 to 28 February 2006



# Figure 8.13: Latency of ARPD & Other claims

Data for 2005/06 from 1 April 2005 to 28 February 2006



The above charts indicate that the average latency period from the average exposure is around 35 years for mesothelioma.

It is not surprising that the average latency period observed is showing an upward trend. An analysis of the latency period would be biased in early years as the claims that are reported in those years would have to result from the first exposures (e.g. in the 1930s) and be of short latency.

By contrast, in the later years (e.g. 2040 onwards), claims reported in that period would have to result from later exposure (e.g. in the 1980s) and result from the longerlatency claims.

At present, given that we are some 30 to 40 years after the main period of exposure, claims currently being reported reflect a broad mix of claims of varying latencies. Accordingly, any analysis of the latency period during the most recent 5 to 10 years:

- Should provide a good indicator of the underlying average latency period of each disease type; and
- Should show some slight upwards trends given the fall-off in exposure in the late 1970s and 1980s.

Accordingly, at this time the claims experience provides some support to our assumption as to the mean latency period of mesothelioma and other asbestos-related disease claims and seems to accord with epidemiological research in relation to mesothelioma.

A summary of our overall latency assumptions, which have in part been derived with reference to the actual experience and in part from epidemiological studies and medical literature, are shown in Appendix E.

#### 8.10 Peak year of claims and estimated future notifications

Based on the application of our exposure model and our latency model, and also taking into account epidemiological views from both Australia and the UK, recognising that there are some conflicting views as to when the peak might arise, the peak year of notification for each disease type is as follows:

# Table 8.5: Peak year of claim notifications

	Current peak assumption	Previous peak assumption
Mesothelioma	2010/11	2010/11
Lung Cancer	2010/11	2010/11
Asbestosis	2005/06	2005/06
ARPD & Other	2006/07	2006/07
Workers Compensation	2006/07	2006/07
Wharf claims	2000/01	2000/01

We have projected the future number of claim notifications from the curve we have derived using our exposure model and our latency model. We have applied this curve to the base number of claims we have estimated for 2006/07 as summarised in Section 8.7.

Figure 8.14 shows the pattern of future notifications which have resulted from the application of our exposure and latency model and the recalibration of the curve to our expectations for 2006/07.







The number of future claim notifications and the ultimate number of claims shown below, both at our previous valuation and at this valuation.

# Table 8.6: Number of claim notifications by disease type

		Current number projection		number ection
	2006 onwards	Total	2006 onwards	Total
Mesothelioma	4,686	6,518	4,697	6,528
Lung Cancer	605	904	602	893
Asbestosis	1,388	2,217	1,372	2,214
ARPD & Other	484	835	485	849
Workers Compensation	879	1,859	1,058	2,075
Wharf claims	61	180	49	168
All claim types	8,103	12,513	8,264	168 12,727
••		<u> </u>	<u> </u>	<u> </u>



It can be seen that the recognition of the emerging experience to 31 March 2006 has reduced our projected ultimate number of claims compared with our previous valuation of 30 June 2005 by 214 claims, the majority of which results from workers compensation (216), together with some minor changes in relation to the other disease types.

As we have stated earlier, there is particular uncertainty in the trends in mesothelioma and workers compensation claims, and the impact that the DDT Act 2005 might have on recent uplifts in claim volumes.

#### 8.11 Baryulgil

To date, there have been 33 product and public liability claims (23 unique claimants) filed against James Hardie costing \$1.3m, inclusive of legal costs of \$0.6m.

These claims have not generated substantial claims costs because most of the claims were settled in the 1980s when awards were considerably lower than current levels — with average payments by James Hardie of the order of \$50,000 to \$100,000 per claim.

It is also of note that James Hardie tended to bear only around one-third to one-half of the liability, reflecting the contribution by other defendants to the overall settlement (including those which have since been placed in liquidation).

For the purposes of our valuation, we have estimated there to be a further 30 future claims, comprising 12 mesothelioma claims, 8 other product and public liability claims and 10 Workers Compensation claims.

We have assumed average claims and legal costs, net of Workers Compensation insurances, broadly in line with those described in Section 9. Our liability assessment at 31 March 2006 of the additional provision that could potentially be required is an undiscounted liability of \$9.2m and a discounted liability of \$5.9m.



#### 9 ANALYSIS OF EXPERIENCE — AVERAGE CLAIMS COSTS

#### 9.1 Overview

We have modelled the average claim awards and plaintiff and defendant legal costs (where separately disclosed) by disease type in arriving at our valuation assumptions.

Average attritional claim awards (which we have defined to be claims below \$1m in current money terms) may vary considerably with the development of new heads of damage.

Past examples include the decision in relation to Sullivan vs. Gordon (1999) (47 NSWLR 31, [1999] NSWCA 338) and, the recent offsetting decision in CSR vs. Eddy [2005] HCA64.

In relation to the CSR vs. Eddy decision, some consequences of that decision appear to have begun to be reflected in our analysis in relation to the experience in the 2005/06 year.

We note that if the proposed changes to the Civil Liability Amendment Bill 2006 (see section 3.3.2) come into force it will have the effect of increasing awards relative to that experienced in 2005/06 in respect of claims where Sullivan vs. Gordon amounts were not paid following the decision of CSR v Eddy. Accordingly, the average awards of non-nil claims would be expected to increase in 2006/07 relative to that observed in 2005/06 (other things being equal).

Table 9.1 shows how the average settlement costs for non-nil attritional claims have varied by plaintiff settlement year. All data have been converted into 2005/06 money terms using base inflation at 4% per annum.

The reader's attention is drawn to the fact that the average amounts shown hereafter relate to the average amounts of the contribution made by the Liable Entities, and do not reflect the total award payable to the plaintiff unless this is clearly stated to be the case.

In particular, for Workers Compensation the average awards reflect the average contribution by the Liable Entities for claims in which they are joined but relate only to that amount of the award determined against the Liable Entities which is not met by a Workers Compensation Scheme or Policy.

Plaintiff settlement Year	Mesothelioma	Asbestosis	Lung Cancer	ARPD & Other	Wharf	Workers Compensation
1991/92	266,901	139,561	75,328	45,384	0	93,078
1992/93	195,175	221,722	27,641	20,825	0	193,386
1993/94	199,372	136,716	63,378	209,635	152,098	107,364
1994/95	226,632	123,823	46,713	257,973	51,315	117,101
1995/96	171,799	71,355	94,494	194,611	9,622	70,448
1996/97	166,361	71,123	46,775	31,243	0	65,903
1997/98	185,146	69,038	41,299	60,612	68,428	121,363
1998/99	178,463	44,481	50,400	114,841	0	70,355
1999/00	206,706	67,879	71,557	126,883	69,224	99,966
2000/01	238,022	71,123	91,886	73,131	100,374	97,941
2001/02	266,060	90,215	136,306	111,143	57,498	49,719
2002/03	248,684	93,191	74,883	81,084	174,962	104,237
2003/04	229,022	108,572	110,465	88,003	120,860	147,098
2004/05	243,038	85,481	134,739	75,552	76,584	138,904
2005/06*	249,191	90,601	96,497	93,561	33,236	102,701

# Table 9.1: Average attritional non-nil claim award (inflated to 2005/06 money terms)

\* Data for 2005/06 from 1 April 2005 to 28 February 2006 only

It is noted some of the above historic data has changed form the previous report. This is, in part, a result of additional processing, even on the older years where claims have been previously settled, or from restatements of the plaintiff settlement year. The main additional processing impact which has arisen at this valuation relates to the creation of new claims records for some historic claim records to bring these older claims into line with more recent claims processing protocols. This has involved sub-dividing the claims records affected and has therefore reduced the average claim size of a non-nil claim (see section 4.3.1).



## 9.2 Mesothelioma claims

For mesothelioma, the year 2001/02 resulted in the highest annual average cost. The step changes in 1999/00 through 2001/02 would appear to reflect in part legislative changes that occurred as well as in the percentage of the total award which the Liable Entities were required to contribute.

# 9.2.1 Contribution rate

We have estimated the percentage share which the Liable Entities have taken of the gross settlements. The following table shows that share, for those claims where such information is available, and how it has changed over time.

#### Table 9.2: Contribution percentage for mesothelioma claims: 1995-2005

Plaintiff Settlement Year	Total award settlement	Liable Entities' contribution	Percentage Share
1995/96	15,898,196	7,311,854	46.0%
1996/97	13,180,164	6,969,163	52.9%
1997/98	17,624,838	10,327,618	58.6%
1998/99	18,099,360	9,221,973	51.0%
1999/00	19,918,410	14,905,324	74.8%
2000/01	33,869,893	23,100,581	68.2%
2001/02	43,545,567	28,073,292	64.5%
2002/03	54,984,177	38,586,944	70.2%
2003/04	58,411,266	37,055,136	63.4%
2004/05	73,724,609	47,790,397	64.8%
2005/06*	55,071,734	43,644,292	79.2%
Total	404,328,214	266,986,573	<u>66.0</u> %

\* Data for 2005/06 from 1 April 2005 to 28 February 2006 only

The step change in the average costs from the levels exhibited between 1995/96 and 1998/99 and those exhibited after 1998/99 may, in part, be a result of the change in the percentage shares contributed by the Liable Entities as well as the introduction of new heads of damage.



Similarly, the higher average costs for the 2005/06 financial year (notwithstanding the savings arising from the removal of Sullivan vs. Gordon benefits following the CSR vs. Eddy decision) may also result from the high contribution rate by the Liable Entities, at 79.2%.

## 9.2.2 Number of defendants

We have analysed the total number of defendants for claims in which the Liable Entities are joined to gauge whether this may explain, in part, some of the trends observed above.

The chart below shows the proportion of claims split by the number of defendants and how that has changed over time.

The proportion of claims where the Liable Entities are sole defendants has increased in the 2005/06 year to 43%. This implies that when the Liable Entities are cojoined in a claim, they appear, with increasing frequency relative to the most recent two years, to be the sole defendant. This observation may also, in part, explain the increase in the contribution rate by the Liable Entities in 2005/06.



Figure 9.1: Distribution of claims by number of defendants





We have also considered how the average number of unique defendant companies per claim has changed. Unique defendants are defined such that to the extent two or more (Liable Entity or other) defendants have more than one company joined in a claim, they are counted as only one company. In that regard, this analysis of unique defendants would slightly understate the "true" number of defendants involved in a claim.





Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only

## 9.2.3 Distribution of claim sizes for mesothelioma claims

We have analysed the make-up of the average costs for mesothelioma claims by banding claims into cohorts of 10% groups. That is, identifying the contribution to the average cost from the smallest 10% of non-nil claims by size, then the contribution from the 10% to 20% cohort of claims by size etc.

The aim of this is two-fold:

- To understand the trends in the average costs; and
- To identify if the change in mix of claims by size has contributed to the observed level of superimposed inflation.

Figure 9.3 shows the relative contribution of the various bands to the overall average costs identified in Table 9.1.







This chart shows that the key drivers to the pattern in inflated average claims costs, in recent years, are largely the "smaller sized" and "medium sized" claims, and not the "large sized" claims.

The increased average cost for the 2005/06 financial year can be seen to be a consequence primarily of an increase in size of the smallest claims.

The chart shows that the 2001 settlement year appears to have a much heavier proportion of larger claims, with the largest 40% of claims by size contributing around \$120,000 to the overall average claim size.

An alternative way of looking at this is to consider the distribution of claims by size.







This chart shows that claim sizes are (in inflated money terms) trending towards higher award sizes.

A reducing proportion of claims in 2005/06 have settled for \$100,000 or less (currently less than 30% of all claims, including nil claims, are less than \$100,000).

9.2.4 Trends in average awards

In setting our assumption for mesothelioma, we have considered average awards over the last 3, 4 and 5 years in arriving at our valuation assumption.







The chart above shows the historic variability in average claim sizes for mesothelioma varying from \$166,000 to \$267,000 in 2005/06 money terms.

The average of the last three years is \$240,000; the average of the last four years is \$242,000 and the average of the last five years is \$245,000.

We note that the experience in 2005/06 will have been affected (reduced) by the decision in CSR vs. Eddy. To the extent that Sullivan vs. Gordon benefits are reintroduced as indicated in the revised NSW legislation, future average costs will likely be higher than in 2005/06. The extent of such understatement is estimated to be approximately 2.5%.

Taking these averages and the underlying trends into consideration, we have adopted a valuation assumption of \$260,000 in 2005/06 money terms.

This compares with our previous valuation assumption of \$265,000. This represents a reduction in inflation adjusted terms:



## Table 9.3: Average mesothelioma claims assumptions

		Claim settlement ye	ar
Valuation Report	2004/05	2005/06	2006/07
31 March 2005	250,000	265,200	281,300
30 June 2005	n/a	265,000	281,100
31 March 2006	n/a	n/a	276,500

## 9.3 Asbestosis claims

For asbestosis, it can be seen from Table 9.1 that in 2003 the average settlement was high relative to recent experience.

We have again considered the averages of the last 3, 4 and 5 years.



Figure 9.6: Inflated average awards and number of non-nil claims settlements for asbestosis claims: 1991 to 2005

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only

The chart shows the substantial variation in average awards though in part this is affected by the low numbers of claims settled in the earlier years.



The average of the last three years is \$96,000; the average of the last four and five years is \$95,000. These are not surprising given the relatively high average cost in 2003 and the substantial increase in claim numbers thereby giving greater weight to the recent years' experience.

We have maintained our previous assumption of \$100,000 as our valuation assumption in 2005/06 money terms. This represents no change in our assumption from our previous valuation in inflation adjusted terms:

# Table 9.4: Average asbestosis claims assumptions

		Claim settlement year	r
Valuation Report	2004/05	2005/06	2006/07
31 March 2005	95,000	100,800	106,900
30 June 2005	n/a	100,000	106,100
31 March 2006	n/a	n/a	106,300

# 9.4 Lung cancer claims

Lung cancer average claims costs appear to have experienced some volatility in the last five years, rising to high levels in 2001 and 2004.







The average of the last three years is \$117,000; the average of the last four years is \$104,000 and the average of the last five years is \$110,000.

At the previous valuation, we noted continuing increasing trends in average awards in 2004/05, and accordingly increased our valuation assumption to \$140,000 for the 2005/06 year. At this valuation, the trend has not continued. Accordingly, we see no reason to increase this assumption. At this valuation, we have given some credibility to the experience in 2005/06. We have therefore adopted a valuation assumption of \$135,000 in 2005/06 money terms. This represents an inflation adjusted decrease:

# Table 9.5: Average lung cancer claims assumptions

		Claim settlement year	
Valuation Report	2004/05	2005/06	2006/07
31 March 2005	130,000	137,800	146,300
30 June 2005	n/a	140,000	148,500
31 March 2006	n/a	n/a	143,600

## 9.5 ARPD & Other claims

We note the low volumes of claims, and the associated volatility this has brought to the average awards, is an inhibitor to the analysis of past trends. However, the past few years show some stability emerging in average costs.



Figure 9.8: Inflated average awards and number of non-nil claims settlements for ARPD & Other claims: 1991 to 2005

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only



For ARPD & other claims, the average of the last three years is \$85,000; the average of the last four years is \$84,000 and the average of the last five years is \$87,000. Accordingly, we have adopted \$90,000 as our valuation assumption in 2005/06 money terms. This represents no change in inflation adjusted terms:

# Table 9.6: Average ARPD & Other claims assumptions

31 March 2005 90,000 95,500 101,3   30 June 2005 n/a 90,000 95,5			Claim settlement year	
30 June 2005 n/a 90,000 95,5	Valuation Report	2004/05	2005/06	2006/07
	31 March 2005	90,000	95,500	101,300
31 March 2006 n/a n/a 95,7	30 June 2005	n/a	90,000	95,500
	31 March 2006	n/a	n/a	95,700

## 9.6 Workers Compensation claims

The average award for non-nil Workers Compensation claims has shown a degree of volatility and has reduced from the level observed in 2003/04, although it should be noted that with just 3 non-nil claims settlements per annum, there is limited credibility that can be attached to the experience.







The average of the last three years (to 2004) is \$131,000; the average of the last four years is \$124,000 and the average of the last five years is \$101,000.

We have adopted \$135,000 as our valuation assumption for Workers Compensation claims in 2005/06 money terms, noting the variability in these which is not surprising given the small volume of claims and the high nil settlement rate. This represents no change in the assumption in inflation adjusted terms:

## Table 9.7: Average Workers Compensation claims assumptions

		Claim settlement year	
Valuation Report	2004/05	2005/06	2006/07
31 March 2005	135,000	143,200	151,900
30 June 2005	n/a	135,000	143,200
31 March 2006	n/a	n/a	143,600



#### 9.7 Wharf claims

For wharf claims, the average of the last three years has been \$75,000; the average of the last four years has been \$96,000 and the average of the last five years has been \$77,000. The figure for the last four years has been distorted by the 2002/03 settlement year which involved 3 relatively large wharf settlements.

We have adopted a valuation assumption of \$90,000 in 2005/06 money terms. This is the same as the previous report as small numbers and large variability allow limited credibility to be attached to recent experience. This represents no change in inflation adjusted terms:

#### Table 9.8: Average wharf claims assumptions

		Claim settlement year		
Valuation Report	2004/05	2005/06	2006/07	
31 March 2005	90,000	95,500	101,300	
30 June 2005	n/a	90,000	95,500	
31 March 2006	n/a	n/a	95,700	

#### 9.8 Large claim size and incidence rates

There have been 19 settled claims with claims awards in excess of \$1m in current money terms. All of these claims are product and public liability claims and the disease diagnosed in every case is mesothelioma.

In aggregate they have been settled for \$28m in 2005/06 money terms, at an average cost of approximately \$1.5m. We have noted one claim exceeding \$3.5m in current money terms.

The incidence rate of large claims to non-nil settlements has been variable, dependent on the random incidence of large claims by settlement year:

- Over the period 1990-2005 there have been 19 large claims compared with 1,387 non-nil non-large claims settlements. This gives an incidence rate of 1.37%.
- Over the period 1990-1999 there were 5 large claims compared with 477 non-nil non-large settlements, an incidence rate of about 1.05%.



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Over the period 2000-2005 there have been 14 large claims compared with 910 non-nil non-large settlements, an incidence rate of about 1.54%.

We have assumed that there will be a large claim incidence rate of 1.5% prospectively over all future years, although it should be recognised that the incidence of such claims is random and that fluctuations in this incidence rate can occur from year to year.

With the number of mesothelioma claims settlements approximately 200-250 per annum, we are therefore expecting to observe approximately 3 or 4 large claims per annum.

We have taken the average costs from all years as our base assumption, given the small volume of such claims. This has been assumed to be \$1.5m for the award and plaintiff legal costs with separate allowance also made for defendant legal costs. Implicitly this allows for the occasional \$3.5m claim at an incidence rate broadly equivalent to past experience

As a consequence, the overall loading per non-nil mesothelioma claim to make allowance for large claims is \$22,500 (being 1.5% x \$1,500,000). This cost loading is applied to all non-nil settlements, resulting in an average loaded base cost for non-nil mesothelioma claims of \$282,500 for the 2005/06 year.

We have made no allowance for any other large claims in relation to any other disease type as no other disease types have had claims settled in excess of \$550,000 in actual money terms.







It should also be noted that there remain four claims open with award sizes estimated as in excess of \$700,000. In particular, there remain 2 claims which are in excess of \$1m, with the largest being for \$1.8m.

Our approach for reserving for these claims has been to take case estimates and apply a loading to the legal costs components.

## 9.9 Average defendant legal cost for non-nil and nil claim settlements (before allowance for cost savings)

As with the average awards, we have modelled defendant legal costs separately. We have also modelled "nil" claims and non-nil claims separately as they should portray different characteristics in relation to their legal costs.

We have again removed large claims from the analysis and treated them separately, applying a large claim loading and an incidence rate consistent with the underlying large claims.

We have used closure year as the base definition to allocate costs into years and given the lag between the award settlement and the closure year, distortions can arise from year to year depending on closure activity of claims files by the MRCF.



#### 9.9.1 Non-nil claims

The following chart shows the pattern of average defendant legal costs of the Liable Entities by disease type for non-nil claims, inflated to 2005/06 money terms over recent years. We have not included Wharf claims or Workers Compensation claims in the chart as the data is more sparse and exhibits considerable volatility.





For mesothelioma, we have determined an average base defendant legal cost of \$30,000 for the 2005/06 year. This is a reduction relative to that previously assumed and reflects the ongoing downward trends in defence costs for mesothelioma, to which increased credibility has now been given.

For asbestosis, we have determined an average of \$25,000 for the 2005/06 year recognising the high averages that occasionally arise and the recent stability in defence costs at around \$20,000 per claim.



For lung cancer, we have selected \$12,500 for the 2005/06 year although there is sparse data from which to estimate this amount. We recognise that there have been substantial average defence costs incurred in some years, especially in 1993, but we are aware that these have been a result of precedent-setting cases, or matters involving key principles of law. It should also be recognised that the financial materiality of such an assumption is not expected to be significant given the low number of lung cancer claims and the relatively high nil settlement rate.

For ARPD & Other claims, we have selected \$30,000 for the 2005/06 year based on an average of the last three years.

For Workers Compensation claims we have selected \$15,000 for the 2005/06 year and for Wharf claims we have selected \$15,000 for the 2005/06 year.

9.9.2 Nil claims

The following chart shows the pattern of average defendant legal costs of the Liable Entities by disease type for nil claims, inflated to 2005/06 money terms over recent years. We have not included Wharf claims or Workers Compensation claims in the chart as the data is more sparse and exhibits considerable volatility.



Figure 9.12: Inflated average defendant legal costs for nil claims by closure year





For mesothelioma, we have selected an average of \$20,000 for the 2005/06 year, a slight reduction from the previous valuation.

For asbestosis, we have selected an average of \$15,000 for the 2005/06 year as the pattern of low costs previously prevalent within this disease type for nil claims no longer appears to hold true. The significant closure activity this year referred to above appears to have recognised more in the way of legal costs being incurred for nil claims than was previously the case. Given the low nil settlement rate for asbestosis, however, this assumption is not overly significant.

For lung cancer, again there is scarcity of data, but we have selected \$7,500 for the 2005/06 year as our assumption, unchanged from our previous valuation. We note that there have been a small number of precedent-setting cases for which significant legal costs have been incurred but where the claim has not been closed.

For ARPD & Other claims, we have selected \$15,000 for the 2005/06 year based on an examination of the average of the last three, four and five years.

For Workers Compensation claims we have selected \$7,500 for the 2005/06 year and for Wharf claims we have selected \$1,500 for the 2005/06 year. These assumptions are unchanged from the previous valuation.

#### 9.10 Superimposed inflation

## 9.10.1 Overview

At our previous valuation, we indicated that an allowance of 2% per annum for superimposed inflation was appropriate. We identified a number of factors we considered in setting this assumption. These included:

- The rate of pure (judicial) inflation;
- The impact of medical or other developments;
- The emergence of new heads of damage, or the expansion of existing heads of damage;
- The potential for existing heads of damage to be removed, or for the contraction of these heads of damage (e.g. CSR vs. Eddy);
- The mix of claims costs by different heads of damage; and
- The effect of an ageing population of claimants on the rate of inflation of overall damages, a component of which relates to economic loss.



In our view, none of these have changed considerably to alter our view of the rate of future superimposed inflation. We have maintained an allowance of 2% per annum as a long-term trend over all future years.

We have maintained an allowance of 2% per annum as a long-term trend over all future years.

Whilst the future rate of superimposed inflation is uncertain, and not predictable from one year to the next, it is of note that the average claim costs appear to have been stable in the last few years, although the emergence of new or expanding heads of damage does not tend to proceed smoothly but rather is more "lumpy".

9.10.2 Analysis of past rates of superimposed inflation

We have reviewed the rate of inflation of claims costs by settlement year for the last 10 years for mesothelioma claims. We have inflated claim costs to current money terms by base inflation of 4% per annum.



Figure 9.13: Inflated average mesothelioma awards: 1995/96 to 2005/06

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only

The chart can be used to imply the rate of inflation of claim awards over and above base inflation (i.e. it measures the rate of superimposed inflation) in any one year or an annualised rate of superimposed inflation over a longer-term.



The chart shows the "best fit" of the rate of growth of inflated claim awards using two possible models:

- A linear fit which assumes that the average inflated award is a linearly increasing function (such that the monetary increase from year to year is fixed); and
- An exponential fit which assumes that the rate of increase in the average inflated awards (i.e. the rate of superimposed inflation) is constant.

It should be noted that the actual rate of inflation within any one year, and the extent to which superimposed inflation arises in any one year is not in itself readily estimable but rather is a function of a whole range of factors. It can be inferred from Table 9.1 and Figure 9.13, that the average rate of inflation can be extremely volatile from year to year, with figures as low as -24% and as high as +20%.

The actuarial approach for this report is to take an average view to be applied over the long-term noting that there will necessarily be deviations from this average on an annual basis.

Using the chart and these models of best fit, we have the following observations in relation to the rate of superimposed inflation:

- Over the last ten years, the average annualised rate of superimposed inflation has been 2.2% per annum;
- The linear fit of the last 10 years' experience implies a rate of superimposed inflation of around 3.5% per annum at present;
- The exponential fit of the last 10 years' experience implies the rate of superimposed inflation to be around 4.5% per annum;
- Over the last five years, the rate of superimposed inflation has been 0% (reflecting the high average award observation in 2001/02); and
- Over the last two years, the rate of superimposed inflation has been around 4% per annum (regardless of the model used).

Weighing all of this evidence together, we have assumed a rate of future superimposed inflation of 2% per annum, noting in particular that this rate is intended to be a longer-term rate of inflation.



#### 9.11 Ageing of claimants

We have analysed the age pattern of the claimants to understand how this is trending over time. This is important in consideration of the extent of both base and superimposed inflation in claims costs as a result of the age of claimants. Young claimants will be associated with higher awards, owing to the earnings replacement component. Furthermore, greater awards for loss of expectation of life would be expected.

Within our assessment of a reasonable level of base inflation to assume in Section 7.2.4 we noted the impact of claimant ageing as one factor leading to lower base inflation than is strictly implied by the financial markets.





Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only

The chart above indicates that claimants continue to age (on average) by more than 0.57 years per year, increasing from 60 years in 1991 to almost 70 years by 2005. This has the effect of negating some aspects of emerging claims inflation. This is because part of the award relates to economic loss and loss of expectation of life and awards for these are in part a function of age.



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It is noted that, at this time, the age profile of claimants is fairly stable. The data does not indicate a considerable increase in the number (and proportion) of younger claimants. Such an increase would be reflected in the graph by more of the lines in the chart showing a downward, rather than upward, trend. This would potentially indicate an increasing incidence of "third wave" related claims and would tend to lead to a lowering in the average age, and which would also tend to lead to higher average awards, including economic loss compensation, and possibly extending the future claims reporting pattern and timeframes.

# 10 ANALYSIS OF CLAIMS EXPERIENCE - NIL SETTLEMENT RATES

# 10.1 Nil settlement rate

We have modelled the nil settlement rates, being the number of nil settlements expressed as a percentage of the total number of settlements (nil and non-nil). The following table shows the observed nil settlement rates by disease type and by settlement year.

Plaintiff Settlement Year	Mesothelioma	Asbestosis	Lung Cancer	ARPD & Other	Wharf	Workers Compensation
1991/92	15%	50%	50%	20%	100%	89%
1992/93	34%	25%	0%	25%	100%	80%
1993/94	20%	33%	33%	50%	67%	76%
1994/95	21%	20%	33%	50%	57%	53%
1995/96	19%	8%	36%	18%	33%	80%
1996/97	22%	32%	19%	50%	100%	71%
1997/98	37%	21%	26%	57%	0%	84%
1998/99	28%	52%	22%	30%	100%	88%
1999/00	12%	15%	27%	18%	17%	74%
2000/01	7%	8%	17%	13%	50%	87%
2001/02	19%	13%	40%	25%	23%	86%
2002/03	12%	5%	28%	21%	55%	80%
2003/04	11%	8%	32%	10%	54%	97%
2004/05	12%	12%	19%	15%	0%	92%
2005/06*	11%	8%	43%	31%	22%	93%

# Table 10.1: Nil settlement rates by class and disease type

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only



It should be noted that the nil settlement rate in these tables have (generally) reduced since the last valuation report (particularly for the more recent years). This reflects ongoing activity on the claims files that can be re-opened with settlement and recovery amounts modified over time.

It also reflects the impact of the splitting of claims and creation of new claim records previously referred to. This has the effect of increasing the number of settlements without necessarily increasing the number of nil settlements, since the splitting relates to claims where cross-claim recoveries can be pursued and this should not therefore occur for claims for which the Liable Entities' contribution is nil.

## 10.2 Mesothelioma claims

The nil settlement rates for mesothelioma have shown some degree of volatility between settlement years.

Figure 10.1 shows the number of claims settled for nil cost, the total number of claims settled and the implied nil settlement rate for each settlement year.



Figure 10.1: Mesothelioma nil claims experience: 1991 to 2005

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only

During the last six years, the rate has varied between 7% and 19%.

In considering the future nil settlement rate assumption, we note the following:



- Based on the current data, the last three years (to 2005/06) have averaged 12%, the last four years have averaged 12% and the last five years have averaged 13%;
- As noted in the footnote to Table 10.1, data has developed such that these rates have trended down since our last valuation; and
- Overall, the data is suggestive of some downwards trends.

Furthermore, in setting our assumption for the future nil settlement rate, we have also had regard to the average claim cost assumptions we have adopted.

We have done this because the nil settlement rate and the average cost per non-nil claim are inextricably inter-linked. In settlement rate we have considered the impact this has on the implied average cost per attritional claim for each settlement year. This could also be thought of, for a given settlement year, as:

Average cost per non-nil claim x (1 – nil settlement rate)

The following table shows the trends in this measure over recent periods.

Table T0.2. Average Cost p			
Plaintiff Settlement Year	Average cost per non-nil claim	Nil settlement rate	Average cost per claim
1991/92	266,901	15%	226,865
1992/93	195,175	34%	128,258
1993/94	199,372	20%	160,102
1994/95	226,632	21%	179,276
1995/96	171,799	19%	138,761
1996/97	166,361	22%	130,530
1997/98	185,146	37%	116,377
1998/99	178,463	28%	127,742
1999/00	206,706	12%	182,856
2000/01	238,022	7%	220,606
2001/02	266,060	19%	215,195
2002/03	248,684	12%	218,671
2003/04	229,022	11%	203,446
2004/05	243,038	12%	214,257
2005/06*	249,191	11%	221,034

## Table 10.2: Average cost per attritional mesothelioma claim

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only

Overall this average cost per claim has been more stable than each of the underlying elements separately. The overall average cost per claim has varied between \$203,000 and \$221,000 over the last six years in 2005/06 money terms.

It should be noted that the average cost per claim for 2005/06 has been impacted by the CSR vs. Eddy decision. To the extent this decision is overturned by the Civil Liability Amendment Bill 2006, the average cost observed in 2005/06 might slightly understate future average costs.

Taking all of these factors into consideration we have reduced the assumed future nil settlement rate to 11.5%, compared with 14% at our previous valuation (reducing the nil settlement rate increases the overall liability).



Combining the assumed nil settlement rate of 11.5% with the assumed average cost per attritional non-nil claim of \$260,000 we imply an average cost per claim of \$230,100 for the 2005/06 year. This is slightly increased over that implied at the previous valuation, \$227,900 (being \$265,000 x 86%).

In determining the appropriateness of this implied assumption, we note in particular that:

- The most recent year's experience has been \$221,000; and
- This will be understated by approximately 2.5%, owing to the impact of CSR vs. Eddy upon past settlement awards, if Sullivan vs. Gordon benefits are reintroduced at levels in accordance with the recent draft NSW Government legislation, the Civil Liability Amendment Bill 2006.

#### 10.3 Asbestosis claims

As with mesothelioma, the historic asbestosis nil settlement rates have been fairly volatile. They have also shown a similar pattern to mesothelioma in the last six years.



Figure 10.2: Asbestosis nil claims experience: 1991 to 2005

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only

We have reviewed the averages rate over the last 3, 4 and 5 years in determining our assumption.


The last three years (to 2005/06) have averaged 10%, the last four years have averaged 9% and the last five years have averaged 9%.

In these circumstances we have assumed a nil settlement rate of 9.5%. This is lower than the assumption of a nil settlement rate of 10% made at the previous valuation.

### 10.4 Lung cancer claims

As for mesothelioma, the historic data has again moved compared with that previously reported, with the trend generally being downwards.

In part this has been due to claims which previously appeared as being settled for nil having been re-opened and settled for a non-nil amount.

With a small volume of claims (23 for 2005/06) the movement of 1 or 2 claims from nil to non-nil has a substantial impact, of up to 10 percentage points.

However, it should be noted that the overall liability for lung cancer claims is only 5% of the total, so that these movements do not cause significant changes to the total estimated future liabilities.



Figure 10.3: Lung cancer nil claims experience: 1991 to 2005

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only



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The average of the last three years (to 2005/06) for lung cancer claims has been 31%, the last four years have averaged 30% and the last five years have averaged 32%.

We note that the nil settlement rate observed for 2005/06 is 43% which is higher than the rates observed over the last five years to 2005/06. We have not placed significant credibility on the most recent year (2005/06) in selecting our nil settlement rate assumption at this stage. In these circumstances we have selected 30% as the future nil settlement rate. This is lower than the assumption of a nil settlement rate of 32% made at the previous valuation and reflects the downward trends in prior years' experience.

We note that this rate could be affected in the future by legal changes to the division and acceptability of claims in relation to claimants who have also smoked and the contribution of smoking to the incidence of lung cancer. At this time, we have no evidence to make any specific adjustment to the assumption for that factor.

#### 10.5 ARPD & Other claims

As with other disease types, there has been significant volatility in the historic nil settlement rates, given the low numbers of claims for this disease.



Figure 10.4: ARPD & Other nil claims experience: 1991 to 2005

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only



The average for the last three years (to 2005/06) for ARPD & Other claims has been 19%, the average for the last four years has been 19% and the average for the last five years has been 20%.

We note that the nil settlement rate observed for 2005/06 is 31%, which is higher than the rates observed over the last five years to 2005/06. As for lung cancer, we have not placed significant credibility on the most recent year (2005/06) in selecting our nil settlement rate assumption at this stage, but given it equal weighting to the experience in other years.

Accordingly, we have selected 20% as our nil settlement rate assumption for this class of disease. This is unchanged from our previous assumption.

#### 10.6 Workers Compensation claims

The nil settlement rates for Workers Compensation are high and are reflective of the portion of claims whose costs are fully met by a Workers Compensation Scheme or Policy. The proportion of such claims which are fully met by insurance will have increased over time and are likely to continue to do so in the future.



Figure 10.5: Workers Compensation nil claims experience: 1991 to 2005

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only



The average nil settlement rate of the last three years (to 2005/06) is 95%, the average of the last four years is 94% and the average of the last five years is 93%.

Based on considerations of the longer-term experience, we have selected a rate of 90% which is unchanged from our previous assumption.

# 10.7 Wharf claims

For wharf claims, the average of the last three years is 32%, the average of the last four years is 39% and the average of the last five years is 31%. We have selected 35% as our valuation assumption which is unchanged from our previous assumption. Given the low volume of claims activity for Wharf claims, this assumption is not material to the liability assessment.



Figure 10.6: Wharf nil claims experience: 1991 to 2005

Note: Data for 2005/06 from 1 April 2005 to 28 February 2006 only



# 11 PRODUCT AND PUBLIC LIABILITY INSURANCE PROGRAMME

#### 11.1 Overview

Until 31 March 1985, James Hardie had in place General and Products liability insurance covers with a \$1m primary policy layer. These were "each and every loss" contracts which were placed amongst a number of insurance providers on a claims-occurring basis.

In addition, James Hardie maintained further "umbrella" insurance contracts, with varying retentions and policy limits. That is, the contracts paid all costs arising from claims with exposure in a specified year from the retention up to the relevant policy limit. All claim costs in relation to a given exposure year in excess of the limit would be retained by the Liable Entities.

Product liability claims were insured under these contracts on an "in the aggregate" basis whilst public liability claims were insured on an "each and every loss" basis.

The umbrella policies were placed as follows:

- For the period up to June 1976, the insurance policies were written on a claims occurring basis. The insurance was provided by QBE but the cover provided by these policies was commuted in June 2000 for a consideration of \$3.1m per annum for the following 15 years.
- For the period from June 1976 to 1985/86 the insurance policies were written on a claims-occurring basis. CE Heath acted as the underwriting agent and insured the risk into Lloyd's of London and the London Market. However, during this period both CE Heath Underwriting Agencies (CEHUA) and CE Heath Underwriting & Insurance (CEH U&I) also insured some of the risk, reinsuring their placement on a facultative basis;
- For the period 1986/87 to 1989/90, the insurance policies were written on a claims made basis. CE Heath acted as the underwriting agent and insured the risk into Lloyd's of London and the London market.



For the period 1990/91 to 1996/97, the insurance policies responded on a claims made basis. However, CE Heath C&G (owned by HIH, now in liquidation) acted as the insurer of the programme and reinsured it into Lloyd's of London and the London Market. CE Heath C&G retained some share on some of the layers. We understand that defence legal costs are additional to the cover. We have allowed for the benefits of the insurance arrangements of the Liable Entities based on information provided to us by the MRCF relating to the insurance programme. The methodology describing our approach for valuing the Insurance Recoveries is detailed in Section 5.9.

#### 11.2 Allowance for Insurance Recoveries

It should be noted that only product and public liability Insurance Recoveries are allowed for within our liability assessment, and only in relation to the period of exposure and insurance placement up to, and including, 1985/86.

Insurance protection purchased from 1986 onwards was placed on a "claims made" basis and as such may not provide protection or recoveries against the cost of future claim notifications made by claimants against the Liable Entities. We have therefore made no allowance for the value of insurance contracts placed from 1986 onwards in our liability assessment.

We note that a claim of approximately \$66m has been made by the MRCF on behalf of the Liable Entities against HIH in relation to the insurance programme for the 1990/91 to 1996/97 years. We have assumed that this recovery is subject to dispute and have not attempted to estimate any recovery for it at this time.

It should be noted that our decision is an actuarial one and is not based on consideration of the legal arguments that might be presented by the MRCF, by HIH or by the reinsurers. We present no legal opinion, and have not based our assessment on any such legal opinion, as to the admissibility of the claim or the expected recovery under the claim.

To the extent recovery is made against this claim, the net asset position of the Special Purpose Fund will improve and will therefore reduce the funding requirement.

We have also allowed for the value of the QBE commutation entered into in June 2000 which involves the payment to the MRCF of a consideration of \$3.1m per annum for 15 years to 30 June 2014.



Where a claim filed under a Scheme of Arrangement has been accepted and payment made, we have assumed that the insurance liabilities of that entity to the Liable Entities have been fully discharged and no further recoveries fall due.

#### 11.3 Bad debt allowance on Insurance Recoveries

We have made allowance for bad debts on future Insurance Recoveries within our valuation by use of the default rates in Appendix A. These have been sourced from Standard & Poors' Rating Performance Book, March 2004 and are based on bond default rates. Where additional information regarding the expected payout rates of solvent and insolvent Schemes of Arrangement is available we have instead taken the expected payout rates to assess the credit risk allowance to be made in our liability assessment.

We have considered the credit rating of the insurers of the Liable Entities as at March 2006 and applied the relevant credit rating default rates to the expected future cashflows by year, treaty and insurer.

In relation to those contracts where CEHUA or CEH U&I appeared to insure some of the risks (and then facultatively reinsure that risk), we have assumed that no cutthrough from the reinsurers directly to the Liable Entities will take place. We have instead assumed that these Insurance Recoveries will rank alongside other creditors of the HIH Group. We note that this is not based on legal opinion and we pass no such opinion. Were cut-through to be achieved this would be expected to increase the level of Insurance Recoveries, as the financial health of the reinsurers to the HIH Group is generally better than that of the HIH Group itself, so that a lower bad debt charge would apply.

#### 11.4 Bolton Metropolitan Borough Council vs. Municipal Mutual Insurance Ltd (UK) and Commercial Union

#### 11.4.1 Background

In June 2005, a judgment relating to Bolton Metropolitan Borough Council vs. Municipal Mutual Insurance Ltd and Commercial Union ("the Bolton Judgment") was passed down in the Manchester District Court.

The court case involved an asbestos-related exposure of a former employee of Bolton Metropolitan Borough Council, Mr Green. Mr Green worked as a contractor in the 1960s during which period he was exposed to asbestos fibres. He was diagnosed with mesothelioma in January 1991 and died in November 1991.



Valuation of the asbestos-related disease liabilities of the Liable Entities to be met by the Special Purpose Fund 31 March 2006

The case considered which of the periods of insurance of a product and public liability insurance programme of an assured (Bolton MBC in this case) responds to a claim. In particular, it considered when the relevant bodily injury arose for the purposes of determining which insurance policy responds, the alternatives being:

- The policies in force at the time of the exposure to asbestos (which in some instances may take place over many years and affect a number of different insurers and policy years);
- The policies in force at the time the disease begins to develop or manifest (e.g. the formation of mutating cells defining the date of "injury"); or
- The policies in force at the time the disease becomes apparent, e.g. through diagnosis.

In this instance, the Court held that Mr Green became fatally ill at the time the tumour developed and not at the time the asbestos fibres were inhaled. Accordingly the policy in effect at the time of manifestation responded to the claim (i.e. the second definition in the above list of three alternative interpretations).

The UK High Court agreed and held that Mr Green became fatally ill in or about 1980 at the time the tumour developed, and not earlier at the time the asbestos fibres were inhaled. Accordingly, MMI, who were the insurers on risk during the latter period, were deemed liable to indemnify Bolton Council for the amount it paid in settlement to Mr Green's widow. No liability was attributed to Commercial Union as the court held that Mr Green did not become ill or injured during the period of this insurance cover when the fibre was supposedly inhaled.

The case was appealed and the Court of Appeal handed down its judgment on 6 February 2006 and unanimously concurred with the original decision of the District Court, i.e. that the relevant injury for the purposes of determining which of the insurance policies should indemnify the Bolton Council was the time of the onset of the malignant tumour and not the event of the initial exposure to asbestos. This decision was made on the basis that it was not until the disease manifested itself that Mr. Green had an actionable claim (or first suffered damage)



# 11.4.2 Relevant decisions in Australia

We understand that there have been a number of judicial decisions in the Australian Courts in the past dealing with this issue of the definition of occurrence of injury, notably:

- Orica vs. CGU (2003);
- Crimmins vs. Stevedoring Industry Finance Committee (1999);
- GRE vs. Bristile (1991); and
- American Home Assurance Company ("AHAC") vs. Saunders (1987).

However, the High Court has not considered the question and consequently there may be further development in Australian law on this issue.

In the most recent decision, Orica vs. CGU, it was determined that the injury arose when the fibres were inhaled, based on decisions in Favelle Mort vs. Murray (1976) and GRE vs. Bristile, on the grounds that once the fibres were inhaled nothing could be done to avert the onset of disease. The court considered that the fact that in some cases inhalation does not give rise to a manifestation of a disease was not relevant. It is of note that the NSW Government passed legislation under the Workers Compensation Legislation Amendment Bill in June 2004 to nullify some of the other potential impacts of the Orica vs. CGU decision.

In the case of Crimmins vs. SIFC, Kirby J noted that physiological change took place at the time of exposure and that whilst the injury per se did not take place at the point of exposure, the potentiality to claim for damages arose out of the exposure.

In the case of GRE vs. Bristile, Nicholson J determined that the entry of the fibres into the body constituted injury and referred to four other decisions that indicated personal injury took place at the time of inhalation.

In the case of AHAC vs. Saunders, the Court of Appeal had to consider whether the onset of mesothelioma constituted a bodily injury under the terms of an accident and sickness policy.

Mahoney JA noted that the question was what was the ordinary meaning of bodily injury and noting the earlier decisions of the High Court in Deeble v. Nott (1941) and Favelle Mort vs. Murray. Mahoney JA considered that the malignancy of mesothelioma was caused by the inhalation of fibres and that the disablement was a consequence of the event that produced the disease (i.e. the inhalation) rather than the manifestation of the disease itself.



### 11.4.3 Our approach

Even though the Court of Appeal in the UK found that the District Court decision was correct in law having regard to the policy wordings of the insurance contracts in Bolton, it does not automatically mean that the same view will be adopted in Australia (which is the governing law applying to these policies). We note in particular the reasoning applied to date by the Australian Courts in the above decisions and the meaning of injury adopted by Australian Courts, being the inhalation of the asbestos fibres.

In valuing the insurance recoveries, we have not allowed for any application of a "Bolton-type" judgment being applied to the insurance policies in the period up to 1985 / 86 (being the claims occurring policies period).

We have assumed that these insurance policies will continue to respond to claims occurring by reference to the period of exposure to asbestos (and not the date of manifestation of the disease, or some other definition). It should be noted that we have placed no value on the claims-made policies so the interpretation in relation to these policies is not of relevance in our valuation.

In forming a view and making a determination as to the value of the insurance assets, we have also given consideration to the decisions in Fairchild vs. Glenhaven Funeral Services & Ors [2002] and Barker vs. Corus [2006] but with particular reference to current Australian law under which different rules of causation apply to those in the UK.

To the extent that the Bolton judgment or some similar decision was applied in Australia, the value of the insurance assets of the Liable Entities could be materially impaired. However, at this time, and given the above factors, there is no strong evidence to indicate this to be the case.

#### 11.5 Expected Insurance Recoveries

The following table shows the Insurance Recoveries and the bad debt allowances that we have made within our valuation assessment, including the position allowing for the introduction of the DDT Act 2005 in NSW and also if similar reforms were introduced Australia-wide, on both a discounted and an undiscounted basis.

# Table 11.1: Insurance recoveries at 31 March 2006

	Pre cost	savings	Post cost s	avings in	Post cost	savings	
			NSW	Only	Australi	Australia-wide	
	Undiscounted (\$m)	Discounted (\$m)	Undiscounted (\$m)	Discounted (\$m)	Undiscounted (\$m)	Discounted (\$m)	
Gross Liability	3,761.2	1,832.7	3,584.0	1,749.6	3,466.5	1,694.5	
QBE Recoveries	(27.9)	(22.2)	(27.9)	(22.2)	(27.9)	(22.2)	
Product and Public liability recoveries	(590.0)	(264.4)	(572.4)	(254.1)	(557.2)	(246.9)	
Bad Debt Allowance	98.3	45.4	95.5	43.7	93.1	42.6	
Net Liability after Bad Debt	3,241.7	1,591.5	3,079.2	1,517.0	2,974.6	1,468.0	

As such, Insurance Recoveries (after allowing for bad debt) support approximately 13% of the gross liabilities.

The overall bad debt allowance amounts to around 16% of the expected Insurance Recoveries.

In determining our net liability assessment, we have assumed that the insurance policies of the Liable Entities will continue to respond to relevant claims we have projected as they fall due. Other than making a general credit risk ("bad debt") allowance in valuing the Insurance Recoveries, we have assumed they will otherwise be fully recovered.

To the extent that:

- one or more significant insurers fail in the future; and/or
- insurers dispute payments due to the Liable Entities; and/or
- legal cases change the way in which insurances respond to claims (e.g. due to changing legal interpretations of the "date of loss"); and/or
- insurance assets may be subject to claims by non-Australian claimants; and/or
- insurers negotiate commutations of their obligations to the Liable Entities for more or less than our valuation allowance;



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the net liabilities of the Liable Entities would vary accordingly. For example an event resulting in a loss of 10% of the anticipated Insurance Recoveries included in our valuation (in addition to the general bad debt allowance) would increase the net liability by approximately \$20 million.



# 12 VALUATION RESULTS

#### 12.1 Central estimate liability

At 31 March 2006, our central estimate of the liabilities of the Liable Entities to be met by the Special Purpose Fund taking credit for the anticipated cost savings from the implementation of procedural reforms resulting from the DDT Act 2005 in NSW (the Discounted Central Estimate) is \$1,517.0m (June 2005: \$1,568.4m).

Within that assessment, we have estimated the cost savings arising from the procedural reforms in NSW as being \$74.5m (June 2005: \$83.3m) and accordingly our central estimate of the net liabilities of the Liable Entities before any allowance for anticipated cost savings is \$1,591.5m (June 2005: \$1,651.7m).

The estimated cost savings equate to a reduction in Claims Legal Costs in NSW of approximately 38%.

If similar reforms as those enacted under the DDT Act 2005 were implemented in States outside of NSW (based on our assessment of the extent that such reforms would be relevant, applicable and equally called for by the other State Governments), then our central estimate of the liabilities of the Liable Entities would be \$1,468.0m (June 2005: \$1,513.3m). That is, we estimate the potential savings from the implementation of procedural reforms in other States at \$49.0m (June 2005: \$55.1m)

However, it should be noted that there has been no indication of a commitment by the Governments of the other States to accept or implement any procedural reforms at this time.

All of the above liability figures are discounted and are net of cross-claim recoveries, Insurance and Other Recoveries.

The following table shows a summary of our central estimate liability assessment and compares the current assessment with previous assessments.

# Table 12.1: Comparison of central estimate of liabilities

	March 2006 \$m		June 2005	March
Gross of insurance recoveries	Insurance recoveries	Net of insurance recoveries	\$m Net of insurance recoveries	2005 \$m Net of insurance recoveries
1,723.7	245.2	1,478.5	1,596.9	1,666.9
2,037.5	274.3	1,763.2	1,709.1	1,936.8
3,761.2	519.5	3,241.7	3,306.0	3,603.7
(1,928.6)	(278.4)	(1,650.2)	(1,654.3)	(1,918.8)
1,832.7	241.2	1,591.5	1,651.7	1,684.9
1,749.6	232.6	1,517.0	1,568.4	n/a
1,694.5	226.5	1,468.0	1,513.3	n/a
	insurance recoveries 1,723.7 2,037.5 3,761.2 (1,928.6) 1,832.7 1,749.6	Gross of insurance recoveries         Insurance recoveries           1,723.7         245.2           2,037.5         274.3           3,761.2         519.5           (1,928.6)         (278.4)           1,832.7         241.2           1,749.6         232.6	Gross of insurance recoveries         Insurance recoveries         Net of insurance recoveries           1,723.7         245.2         1,478.5           2,037.5         274.3         1,763.2           3,761.2         519.5         3,241.7           (1,928.6)         (278.4)         (1,650.2)           1,832.7         241.2         1,591.5           1,749.6         232.6         1,517.0	Gross of insurance recoveries         Insurance recoveries         Net of insurance recoveries         Net of insurance recoveries           1,723.7         245.2         1,478.5         1,596.9           2,037.5         274.3         1,763.2         1,709.1           3,761.2         519.5         3,241.7         3,306.0           (1,928.6)         (278.4)         (1,650.2)         (1,654.3)           1,832.7         241.2         1,591.5         1,651.7           1,749.6         232.6         1,517.0         1,568.4

\*This is based on our estimate that NSW represents 50% of the future liabilities. All future figures showing "NSW only" use this estimate.

\*\*As noted in Section 6.4.9, the estimation of the legal cost savings arising from the other States is subject to considerably greater uncertainty than those assessed for NSW.



As we have noted in Section 1.3.1 Workers Compensation claims, being claims by current and former employees of the Liable Entities, are included to the extent that such liabilities are not met by a Workers Compensation Scheme or Policy (as a result of the existence of limits of indemnity and policy deductibles on those contracts of insurance). The amounts of Workers Compensation claims which are met by the contracts of insurance are not included with the definition of a Personal Asbestos Claim and are therefore not met by the Special Purpose Fund. Workers Compensation claims in excess of the insurance limits of indemnity are included in the definition of Personal Asbestos Claim and these amounts are therefore met by the Special Purpose Fund.

We have not allowed for the future Operating Expenses of the Special Purpose Fund or the Liable Entities in the liability assessments.

#### 12.2 Comparison with previous valuations

#### 12.2.1 Comparison with 31 March 2005 valuation

In the absence of any change to the claim projection assumptions from our 31 March 2005 valuation, other than allowing for the changes in the discount rate, we would have projected a Discounted Central Estimate liability of \$1,758.3m as at 31 March 2006. Consequently, our revised assessment at 31 March 2006, before any allowance for cost savings resulting from the DDT Act 2005, represents a reduction of \$166.8m from that assessment.

The reduction from that net liability estimate is principally a consequence of:

- A reduction in the projected future claim numbers which we have adopted based on the recent emerging experience;
- An increase in the projected insurance recoveries owing to the inclusion of a separate allowance for public liability insurance recoveries;
- Emerging experience on reported claims being lower than estimated reflecting that claims which were pending are now estimated for amounts less than previously and that there were fewer claims reported in the period than was estimated and such claims will cost less than was previously estimated; and
- A lower assumed overall average cost per claim based on recent trends;

offset by



- A reduction in the proportion of claims which are expected to settle for nil cost; and
- An increase in the rate of claims inflation assumed based on recent emerging trends in average weekly earnings (AWE) inflation.

In addition, we have:

- Made an adjustment to rate of recovery from third parties (cross-claim recovery rate) based on recent emerging experience;
- Made an adjustment to the potential liabilities arising from mining activities at Baryulgil;
- Made an adjustment to allow for the funding cap in relation to Dust Diseases Board and WorkCover reimbursements to be met by the Special Purpose Fund; and
  - Made other minor changes to settlement patterns based on more recent experience.

### 12.2.2 Comparison with 30 June 2005 valuation

In the absence of any change to the claim projection assumptions from our 30 June 2005 valuation, other than allowing for the changes in the discount rate, we would have projected a Discounted Central Estimate liability of \$1,611.2m as at 31 March 2006. Consequently, our revised assessment at 31 March 2006, before any allowance for cost savings resulting from the DDT Act 2005, represents a reduction of \$19.7m from that assessment.

The reduction from that net liability estimate is principally a consequence of:

- An increase in the projected insurance recoveries owing to the inclusion of a separate allowance for public liability insurance recoveries;
- Emerging experience on reported claims being lower than estimated reflecting that claims which were pending are now estimated for amounts less than previously and that there were fewer claims reported in the period than was estimated and such claims will cost less than was previously estimated; and
- A lower assumed overall average cost per claim based on recent trends;

offset by



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- A reduction in the proportion of claims which are expected to settle for nil cost; and
- An increase in the rate of claims inflation assumed based on recent emerging trends in average weekly earnings (AWE) inflation.

In addition, we have:

- Made an adjustment to rate of recovery from third parties (cross-claim recovery rate) based on recent emerging experience; and
- Made slight changes to settlement patterns based on more recent experience.

The following table shows an analysis of the change in our liability assessments from March 2005 to March 2006, including our 30 June 2005 assessment.

	March 2005 to June 2005	June 2005 to March 2006	March 2005 to March 2006
Net liability at start of valuation period	1,684.9	1,651.7	1,684.9
Expected net claims payments	17.3	48.3	65.6
Unwind of discount	23.6	63.3	86.9
Expected liability at end of valuation period	1,691.2	1,666.7	1,706.2
Change in discount rate	107.6	(55.5)	52.1
Expected net liability at end of valuation period adjusted for discount rate	1,798.8	1,611.2	1,758.3
Impact of Change in valuation bases:			
- Claim numbers	(107.5)	(3.2)	(110.7)
- Nil settlement rate	18.1	36.6	54.7
- Average claims costs	(26.3)	(38.3)	(64.6)
- Claims inflation		44.1	44.1
- Emerging experience on reported claims	(17.2)	(17.5)	(34.7)
- Cross-claim recovery rate		(9.8)	(9.8)
- Insurance Recoveries (including bad debt)		(28.6)	(28.6)
- Other (Baryulgil, settlement patterns, DDB reimbursement)	(14.2)	(3.0)	(17.2)
Total development in net liability	(147.1)	(19.7)	(166.8)
Net liability at end of valuation period	1,651.7	1,591.5	1,591.5
Net liability at end of valuation period allowing for cost savings in NSW only	1,568.4	1,517.0	1,517.0
Net liability at end of valuation period allowing for cost savings Australia-wide	1,513.3	1,468.0	1,468.0

# Table 12.2: Analysis of change: March 2005 to June 2005 and March 2006

# 12.3 Claims and legal costs

We have identified the elements of legal costs (defined as Claims Legal Costs) within our valuation.

# Table 12.3: Breakdown of components of net central estimate liabilities

	Net Liability at March 2006 \$m		Net Liability at June 2005 \$m		Net Liability at March 2005 \$m
Net claim costs (excl Claims Legal Costs)	1,190.6		1,222.2		1,249.2
Total Claims Legal Costs (plaintiff and defendant costs)	400.9		429.5		435.7
Net Liability before cost savings	1,591.5		1,651.7		1,684.9
	NSW	Australia-wide	NSW	Australia-wide	
	Only		Only		
Estimate of cost savings	(74.5)	(123.5)	(83.3)	(138.4)	n/a
Net Liability after savings	1,517.0	1,468.0	1,568.4	1,513.3	1,684.9
Claims Legal Costs after savings	326.4	277.4	346.2	291.1	435.7
Claims Legal Costs, as % of gross costs of settlements	22.8%	19.4%	24.2%	20.3%	29.9%
Claims Legal Costs, as % of net costs of settlements	27.4%	23.3%	28.3%	23.8%	34.9%

Note: The net present value of the Insurance Recoveries at each of the last three actuarial valuations have been assessed as \$241.2m for the March 2006 valuation; \$209.8m for the June 2005 valuation and \$207.6m for the March 2005 valuation

### 12.4 Cashflow projections

It is worth contextualising the projected rate of future expenditure with that exhibited in the past.

The following chart shows the monthly rate of expenditure by the MRCF relating to asbestos-related claim settlements over the last four years (since February 2001).





Cashflow payments in the 12 months to 31 March 2006 were approximately \$75m gross of insurance and other recoveries and \$48m net of insurance and other recoveries. In the 12-month period to 31 March 2005, the comparative cashflow figures were \$74m and \$66m respectively.

The items of particular note are:

- The high level of expenditure (\$11.8m gross costs) in August 2005 which was due to the settlement of 82 claims;
- The level of Insurance Recoveries received in January 2006. We understand this to be primarily due to a payment of almost \$3.2m in relation to the settlement made by the St Helens Scheme of Arrangement, involving Prudential Assurance, and of \$1.0m in relation to the KWELM companies.



• The level of non-insurance recoveries in March 2006. We understand this to relate to approximately \$3m from cross-claims recoveries from CSR in relation to a bulk Hardie-BI settlement of 98 claims.

It should be noted that the above chart is compiled on a "cash basis" rather than an "accruals basis" so that the figures are not directly applicable to the actuarial basis of projection. However, the difference in timing should be relatively small (i.e. of the order of 1-2 months generally).

Figure 12.2 shows a comparison of the projected gross and net cashflows underlying our 31 March 2006 valuation before and after allowance for the DDT Act 2005.



# Figure 12.2: Cashflow projections — 31 March 2006 (\$m)

The underlying cashflows for this chart are detailed in Appendix C, with additional detail in relation to cost savings separately disclosed.

Given the extremely long-tail nature of asbestos-related liabilities, a small change in an individual assumption can have a significant impact upon the cashflow profile of the liabilities.



#### 12.5 Final Funding Agreement calculations

The Final Funding Agreement sets out the basis on which payments will be made to the Special Purpose Fund. Additionally, there are a number of other figures specified within the Final Funding Agreement that we are required to calculate. These are:

- Discounted Central Estimate: This is the central estimate of the present value of the liabilities of the Former James Hardie Companies and Marlew in respect of expected Proven Claims and Claims Legal Costs, after allowing for Insurance and Other Recoveries.
- Term Central Estimate: This is the central estimate of the present value of the liabilities of the Former James Hardie Companies and Marlew in respect of expected Proven Claims and Claims Legal Costs, in each case which are reasonably expected to become payable up to 31 March 2045, after allowing for Insurance and Other Recoveries.
- Period Actuarial Estimate: This is the central estimate of the present value of the liabilities of the Former James Hardie Companies and Marlew in
  respect of expected Proven Claims and Claims Legal Costs, in each case which are reasonably expected to become payable in the next three years,
  before allowing for Insurance and Other Recoveries.

# Table 12.4: Final Funding Agreement calculations (\$m) — NSW cost savings scenario

		Post cost savings (NSW only)
Discounted Central Estimate (net of cross-claim recoveries, Insurance and Other Recoveries)	1,517.0	
Period Actuarial Estimate (net of cross-claim recoveries, gross of Insurance and Other Recoveries) comprising:	248.7	
Discounted value of cashflow in 2006/07		80.6
Discounted value of cashflow in 2007/08		83.3
Discounted value of cashflow in 2008/09		84.8
Term Central Estimate (net of cross-claim recoveries, Insurance and Other Recoveries)	1,514.3	
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It should be noted that the actual funding required at a particular date will depend upon a number of factors, including:

- the net asset position of the Special Purpose Fund at that time;
- the free cash flow amount of the JHINV Group in the preceding financial year; and
- the actuarially assessed liabilities in the latest Annual Actuarial Report.



# **13 UNCERTAINTY**

13.1 Overview

There is uncertainty involved in any valuation of the liabilities of an insurance company or a self-insurer. The sources of such uncertainty include:

- Parameter error this is the risk that the parameters and assumptions chosen ultimately prove not to be reflective of future experience.
- Model error this is the risk that the model selected for the valuation of the liabilities ultimately proves not to be adequate for the projection of the liabilities.
- Legal and social developments this is the risk that the legal environment in which claims are settled changes relative to its current and historic position thereby causing significantly different awards.
- Future actual rates of inflation.
- The general economic environment.
- Potential sources of exposure this is the risk that there exist sources of exposure which are as yet unknown or unquantifiable, or for which no liabilities have yet been observed, but which may trigger future claims.

In the case of asbestos liabilities, these uncertainties are exacerbated by the extremely long latency period from exposure to onset of disease and notification of a claim. Asbestos-related claims often take in excess of 40 years from original exposure or event, compared with 4-5 years for many other liabilities such as Comprehensive Third-Party or other Workers Compensation claims. These specific forms of uncertainty include:

- The difficulty in quantifying the extent and pattern of past asbestos exposures and the number and incidence of the ultimate number of lives that may be affected by Asbestos related diseases arising from such past asbestos exposures;
- The propensity of individuals affected by diseases arising from such exposure to file common law claims against defendants;
- The extent to which the Liable Entities will be joined in such future common law claims;



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- The fact that the ultimate severity of the impact of the disease and the quantum of the claims that will be awarded will be subject to the outcome of events that have not yet occurred, including:
  - medical and epidemiological developments;
  - jury decisions;
  - court interpretations;
  - legislative changes;
  - changes to the form and Range of benefits for which compensation may be awarded ("heads of damage");
  - public attitudes to claiming;
  - the impact of new (and future) procedural reforms in NSW upon the legal costs incurred in managing and settling claims;
  - the potential for future procedural reforms in other States affecting the legal costs incurred in managing and settling claims in those States;
  - potential third-wave exposures; and
  - social and economic conditions such as inflation.

Furthermore, within this valuation there is additional uncertainty arising from the estimation of the potential legal cost savings resulting from the DDT Act 2005 and estimation of the equivalent Australia-wide application of similar reforms. Such savings will depend in part upon the future approach adopted by both defendant and plaintiff lawyers and their clients which is inevitably difficult to gauge at this early stage.

#### 13.2 Sensitivity testing

As we have noted above, there are many sources of uncertainty. Actuaries often perform "sensitivity testing" to identify the impact of different assumptions as to future experience, thereby providing an indication of the degree of parameter error risk to which the valuation assessment is exposed. Sensitivity testing may be considered as being a mechanism for testing "what will the liabilities be if instead of choosing [x] for assumption [a] we chose [y]?" It is also a mechanism for identifying how the result will change if experience turns out different in a particular way relative to that which underlies the central estimate expectations. As such, it provides an indication of the level of variability inherent in the valuation.





We have performed some sensitivity tests of the results of our central estimate valuation. We have sensitivity tested the following factors:

- legal cost savings: 20% above and below our best estimate assumption.
- nil settlement rate: 5 percentage points above and below our best estimate assumption.
- average claim cost of a non-nil claim: 10% above and below our best estimate assumption.
- peak year of claims: increase/decrease by 1, 3 and 5 years.
- number of claims notified: 5% above and below our best estimate assumption.
- *superimposed inflation*: 2% per annum superimposed inflation for 5 years reducing to -2% per annum after a further five years and remaining at -2% per annum thereafter; and 6% per annum superimposed inflation for the next five years, linearly reducing to 2% per annum after a further five years and remaining at 2% per annum thereafter.
- discount rates: 1 percentage point above and below our best estimate assumption.
- base inflation: 1 percentage point above and below our best estimate assumption.

There are other factors which influence the liability assessment and which could be sensitivity tested, including:

- · The cross-claim recovery rate;
- · The pattern of claim notifications; and
- The pattern and delay of claim settlements from claim notification.

We have not sensitivity tested these factors noting them to be of less financial significance or uncertainty individually, although in aggregate they could be of more significance.

We have not sensitivity tested the value of Insurance Recoveries as these uncertainties relate to legal risks and disputation risks, and it is not possible to parameterise a sensitivity test in an informed manner.



#### 13.3 Results of sensitivity testing

Figure 13.1 shows the impact of various individual sensitivity tests on the Discounted Central Estimate of the liabilities, and of a combined sensitivity test of a number of factors.

It should be noted that although we have tested multiple scenarios of each assumption, one cannot gauge an overall potential range by simply adding these tests together.

It should also be noted that because of the interactions between assumptions, the maximum range will not be the sum of the constituent parts. Rather it is important to recognise that it is unlikely that all assumptions would deteriorate together, and there are often compensating upsides to the downsides that can arise. This is especially so when considering the inter-dependencies and correlations between parameters, such as higher inflation often being associated with higher discount rates: the former would increase the liabilities whilst the latter would decrease the liabilities.

As such, in the figure below, we have considered the relationship between base inflation and the discount rate as the key sensitivity test rather than each assumption independently.





# Figure 13.1: Sensitivity testing results — Impact around the net central estimate (discounted) (in \$m) at March 2006, based on application of the DDT Act 2005 n NSW only

<sup>\*</sup> The superimposed inflation sensitivity tests are for 6% per annum for 5 years reducing to 2% per annum; and 2% per annum for 5 years reducing to -2% per annum.

Whilst our combined sensitivity test of a number of factors (including superimposed inflation, average claim costs and numbers of claims) indicates a range around the Discounted Central Estimate of liabilities of -\$500m to +\$900m, the actual cost of liabilities could fall outside that range depending on the out-turn of the actual experience.

The above chart may imply that the single most sensitive assumption is potentially the peak year of claims. This is related to the fact that one of the most substantial uncertainties is the ultimate number of claims that may eventuate against the Liable Entities. Shifting the peak year by 5 years to 2015/2016 for mesothelioma would imply an increase in the future number of mesothelioma claims reported (both at a national level and to the Liable Entities) of around 50%.



It should also be noted that inflation has an effect on these figures for the peak year of claims. At this valuation, the rate of claim inflation exceeds the rate of discounting and as such, the change in the assumption of the peak year will lead to considerably more downside risk than upside risk in relation to the discounted values.

We have performed the sensitivity analysis on the undiscounted cashflows. The chart below shows how the results change for the undiscounted cashflow projections for each of the scenarios.



# Figure 13.2: Sensitivity testing results — Impact around the net central estimate (undiscounted) (in \$m) at March 2006, based on application of the DDT Act 2005 in NSW only

<sup>\*</sup> The superimposed inflation sensitivity tests are for 6% per annum for 5 years reducing to 2% per annum; and 2% per annum for 5 years reducing to -2% per annum.

Whilst our combined sensitivity test of a number of factors (including superimposed inflation, average claim costs and numbers of claims) indicates a range around the central estimate of liabilities on an undiscounted basis of -\$1.3bn to +\$2.2bn, the actual cost of liabilities could fall outside that range depending on the out-turn of the actual experience.



Our sensitivity testing has regard only to matters potentially impacting the liability assessment. It does not consider, or take into account, the manner in which the liabilities may be funded by James Hardie and the Special Purpose Fund. The extent to which the assets held do not match the liabilities (for example, non-income earning assets, currency risk or duration mismatch) could introduce further uncertainty as to the eventual cost of meeting the liabilities. As noted in Section 1.5, consideration of such investment risks is outside the scope of this report and is a matter for James Hardie and the Special Purpose Fund to consider separately.

#### 13.4 Uncertainty of the legal cost savings

We have estimated the value of the legal cost savings might be of the order of \$75m if the DDT Act 2005 applied in NSW only or \$125m if similar reforms were applied nationally, both of these estimates being discounted.

Inevitably there is inherent uncertainty in the level of savings that will ultimately be achieved. Of particular uncertainty is the extent to which savings may eventuate from the implementation of procedural reforms in other States.

To date, there has been no indication of commitment from the Governments of other States to accept or implement procedural reforms, to the extent they can be applied, similar to those implemented in NSW. Such reforms might require legislation to be passed in the relevant States.

We have modelled the variability in the legal cost savings at a national level and the results of this shows that depending on the outturn of the assumptions which were made in Section 6.3 of this report, legal cost savings in NSW might vary by up to +/- \$15m.

It should be noted that this variability is less than the change in legal cost savings resulting from the decision of whether to apply these reforms in NSW only or across Australia. Furthermore, the extent of variability of legal cost savings needs to be contextualised relative to the overall level of uncertainty in the total liability assessment.



Valuation of the asbestos-related disease liabilities of the Liable Entities to be met by the Special Purpose Fund 31 March 2006

# APPENDICES



# A. Credit rating default rates by duration

Rating	Yr. 1	Yr. 2	Yr. 3	Yr. 4	Yr. 5	Yr. 6	Yr. 7	Yr. 8	Yr. 9	Yr. 10	Yr. 11	Yr. 12	Yr. 13	Yr. 14	Yr. 15
AAA	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	0.3%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%	0.6%	0.7%
AA+	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%
AA	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	0.3%	0.5%	0.6%	0.8%	0.9%	1.0%	1.2%	1.3%	1.4%
AA-	0.0%	0.1%	0.2%	0.4%	0.6%	0.7%	1.0%	1.1%	1.2%	1.3%	1.5%	1.7%	1.7%	1.8%	2.0%
A+	0.1%	0.1%	0.3%	0.5%	0.6%	0.8%	1.0%	1.2%	1.5%	1.8%	2.1%	2.4%	2.7%	2.9%	3.2%
А	0.1%	0.1%	0.2%	0.3%	0.5%	0.7%	0.9%	1.2%	1.4%	1.8%	2.2%	2.4%	2.6%	2.7%	3.0%
A-	0.0%	0.2%	0.4%	0.6%	0.9%	1.2%	1.6%	1.8%	2.2%	2.4%	2.5%	2.7%	2.8%	3.0%	3.2%
BBB+	0.3%	0.9%	1.6%	2.2%	2.8%	3.5%	4.0%	4.4%	4.9%	5.4%	5.8%	6.1%	6.7%	7.5%	8.4%
BBB	0.3%	0.7%	1.1%	1.7%	2.4%	3.0%	3.7%	4.5%	5.1%	5.9%	6.8%	7.3%	7.9%	8.2%	8.8%
BBB-	0.5%	1.5%	2.6%	4.1%	5.5%	6.9%	7.9%	8.7%	9.4%	10.2%	10.9%	11.8%	12.3%	13.1%	13.8%
BB+	0.6%	2.1%	4.3%	6.1%	7.6%	9.2%	10.8%	11.5%	12.7%	13.7%	14.4%	14.9%	15.2%	15.6%	16.5%
BB	1.2%	3.4%	6.2%	8.6%	11.0%	13.4%	15.1%	16.6%	18.1%	19.1%	20.3%	21.1%	21.5%	21.6%	21.6%
BB-	2.0%	5.7%	9.6%	13.2%	16.3%	19.1%	21.3%	23.4%	25.3%	26.7%	28.0%	28.8%	30.0%	30.7%	31.5%
B+	3.2%	8.9%	14.2%	18.8%	22.0%	24.4%	26.7%	28.6%	30.1%	31.6%	32.9%	34.1%	35.2%	36.4%	37.5%
В	9.0%	17.9%	24.3%	28.4%	31.5%	34.1%	35.5%	36.7%	37.7%	38.6%	39.5%	40.7%	41.9%	42.8%	44.0%
B-	13.0%	23.6%	31.5%	36.2%	39.2%	41.6%	43.8%	45.4%	45.9%	46.5%	46.9%	47.1%	47.4%	47.6%	47.9%
CCC+	30.9%	39.8%	45.5%	49.5%	53.0%	53.4%	55.5%	56.1%	57.6%	58.4%	59.3%	60.1%	60.8%	61.6%	61.6%
L	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NR	5.3%	10.5%	15.1%	18.7%	21.6%	24.0%	25.9%	27.5%	28.9%	30.0%	31.1%	32.1%	33.0%	33.7%	34.5%
R	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: Standard and Poors' Rating Performance Book, March 2004



# Notes:

These rates are not used for those solvent and insolvent Schemes of Arrangement where the payout rates are known or have been estimated. In those cases, the payout rate has been used to determine the credit rating default rates

R relates to companies which have been subject to Regulatory Action regarding solvency.

L relates to Lloyds' of London and Equitas.

NR relates to companies which are Not Rated.

The credit ratings used for individual companies are as at March 2006



# B. Summary results (\$m)

B.1 Prior to cost savings

# DISCOUNTED VALUE OF CASHFLOWS (\$m)

										Workers					
						General		Net		Compensation	Workers		Cross		
		Lung		ARPD&	Defendant	Liability	Insurance	General	Workers	Legal	Compensation	Wharf	Claim		
Years	Mesothelioma	Cancer	Asbestosis	Other	Legal Costs	Cost	Recoveries	Liability	Compensation	Costs	Costs	Claims	Recoveries	Baryulgil	Net Liabilities
1-5	321.1	17.6	50.1	12.5	34.5	435.7	60.9	374.9	3.9	0.4	4.4	3.0	7.9	2.7	377.0
6-10	339.2	17.6	44.0	11.7	42.2	454.7	56.6	398.1	3.9	0.6	4.4	2.0	8.1	1.7	398.1
11-15	296.5	15.9	32.8	4.83	36.1	390.7	45.9	344.8	3.1	0.5	3.6	1.1	7.0	0.9	343.5
16-20	212.9	12	20.4	6.2	25.0	276.7	32.5	244.1	2.1	0.3	2.4	0.6	5.0	0.4	242.6
21 +	216.0	14.6	17.0	5.8	845.4	277.8	45.4	232.4	2.0	0.3	2.3	0.4	5.0	0.2	230.3
All	1,385.7	77.8	164.2	45.5	162	1,835.5	241.2	1,594.3	15.0	2.2	17.2	7.0	32.9	5.9	1,591.5

# UNDISCOUNTED CASHFLOWS (\$m)

										Workers					
						General		Net		Compensation	Workers		Cross		
		Lung		ARPD&	Defendant	Liability	Insurance	General	Workers	Legal	Compensation	Wharf	Claim		
Years	Mesothelioma	Cancer	Asbestosis	Other	Legal Costs	Cost	Recoveries	Liability	Compensation	Costs	Costs	Claims	Recoveries	Baryulgil	Net Liabilities
1-5	368.8	20.2	57.2	14.3	39.8	500.2	69.6	430.6	4.5	0.5	5.0	3.3	9.1	3.1	433.0
6-10	507.2	26.2	65.5	17.5	63.1	679.5	84.1	595.4	5.8	0.8	6.6	2.9	12.1	2.5	595.2
11-15	578.7	31.0	63.8	18.1	70.5	762.2	89.7	672.5	6.1	1.0	7.1	2.2	13.6	1.8	669.9
16-20	542.5	31.1	51.8	15.8	63.6	704.8	83.2	621.6	5.3	0.9	6.2	1.5	12.6	1.1	617.7
21 +	875.4	61.9	67.7	23.6	98.9	1,127.4	193.0	934.5	1.49	1.4	9.3	1.5	20.2	0.9	925.9
All	2,872.6	170.4	305.9	89.2	335.9	3,774.1	519.5	3,254.6	29.7	4.5	34.2	11.4	67.7	9.2	3,254.629.7

Note: Plaintiff Claims Legal Costs are included within the claim cost figures for the various disease types.



# B.2 Post cost savings in NSW only

# DISCOUNTED VALUE OF CASHFLOWS (\$m)

										Workers					
						General		Net		Compensation	Workers		Cross		
		Lung		ARPD&	Defendant	Liability	Insurance	General	Workers	Legal	Compensation	Wharf	Claim		
Years	Mesothelioma	Cancer	Asbestosis	Other	Legal Costs	Cost	Recoveries	Liability	Compensation	Costs	Costs	Claims	Recoveries	Baryulgil	Net Liabilities
1-5	311.9	17.3	49.0	12.2	30.4	420.7	59.3	361.5	3.9	0.4	4.2	2.9	7.7	2.7	363.6
6-10	328.4	17.0	42.6	91.73	33.6	433.0	54.4	378.6	3.7	0.4	4.2	1.9	7.9	1.7	378.5
11-15	287.0	15.3	31.8	9.0	28.4	371.5	43.6	327.9	3.0	0.4	3.4	1.1	6.8	0.9	326.5
16-20	206.0	11.8	19.7	6.0	19.5	263.1	31.2	231.9	2.0	0.3	2.3	0.5	4.8	0.4	230.3
21 +	208.9	14.1	16.5	5.6	19.0	264.2	44.80	.80.2	1.9	0.3	2.2	0.4	4.8	0.2	218.1
All	1,342.2	75.6	159.6	44.2	130.9	1,75	232.6	1,519.9	14.5	1.8	16.3	6.7	31.9	5.9	1,517.0

# UNDISCOUNTED CASHFLOWS (\$m)

										Workers					
						General		Net		Compensation	Workers		Cross		
		Lung		ARPD&	Defendant	Liability	Insurance	General	Workers	Legal	Compensation	Wharf	Claim		
Years	Mesothelioma	Cancer	Asbestosis	Other	Legal Costs	Cost	Recoveries	Liability	Compensation	Costs	Costs	Claims	Recoveries	Baryulgil	Net Liabilities
1-5	358.2	19.7	55.9	14.0	34.9	482.7	67.8	415.0	4.4	0.4	4.9	3.3	8.8	3.1	417.3
6-10	490.9	25.5	63.5	16.9	50.2	647.0	80.8	566.2	5.6	0.7	6.3	2.8	11.8	2.5	565.9
11-15	560.0	30.0	61.8	17.6	55.3	724.7	85.3	639.4	5.9	0.8	6.7	2.1	13.2	1.8	636.7
16-20	525.0	30.1	30.1	15.3	49.7	670.2	79.8	590.5	5.2	0.7	5.8	1.4	12.2	1.1	586.5
21 +	846.9	59.9	65.5	22.8	77.2	1,072.4	191.1	881.3	7.7	1.1	8.7	1.4	19.6	0.9	872.7
All	2,781.1	165.2	296.8	965	267.4	3,597.0	504.8	3,092.2	28.7	3.6	32.4	10.9	65.5	9.2	3,079.2

Note: Plaintiff Claims Legal Costs are included within the claim cost figures for the various disease types.



# B.3 Post cost savings applied Australia-wide

# DISCOUNTED VALUE OF CASHFLOWS (\$m)

										Workers					
						General		Net		Compensation	Workers		Cross		
		Lung		ARPD&	Defendant	Liability	Insurance	General	Workers	Legal	Compensation	Wharf	Claim		
Years	Mesothelioma	Cancer	Asbestosis	Other	Legal Costs	Cost	Recoveries	Liability	Compensation	Costs	Costs	Claims	Recoveries	Baryulgil	Net Liabilities
1-5	305.9	17.0	48.2	12.0	27.7	410.8	58.2	352.6	3.8	0.4	4.1	2.9	7.5	2.7	354.7
6-10	321.1	16.7	41.8	11.1	27.9	418.6	52.9	365.7	3.7	0.4	4.0	1.8	7.7	1.7	365.5
11-15	280.6	15.0	31.1	8.8	23.2	358.8	42.1	316.6	3.0	0.3	3.3	1.0	6.6	0.9	315.2
16-20	201.5	11.5	19.3	5.9	15.9	254.1	30.4	223.7	2.0	0.2	2.2	0.5	4.7	0.4	222.2
21 +	204.3	13.8	16.1	5.5	15.5	255.2	42.8	212.4	1.8	0.2	2.1	0.3	4.7	0.2	210.3
All	1,313.4	74.1	156.5	43.3	110.2	1,697.5	226.5	1,471.0	14.3	1.5	15.7	6.6	31.3	5.9	1,468.0

# UNDISCOUNTED CASHFLOWS (\$m)

										Workers					
						General		Net		Compensation	Workers		Cross		
		Lung		ARPD&	Defendant	Liability	Insurance	General	Workers	Legal	Compensation	Wharf	Claim		
Years	Mesothelioma	Cancer	Asbestosis	Other	Legal Costs	Cost	Recoveries	Liability	Compensation	Costs	Costs	Claims	Recoveries	Baryulgil	Net Liabilities
1-5	351.2	19.4	55.0	13.7	31.7	471.2	66.6	404.6	4.3	0.4	4.8	3.2	8.7	3.1	407.0
6-10	480.1	24.9	62.2	16.6	41.7	625.5	78.7	546.8	5.5	0.6	6.0	2.7	11.5	2.5	546.5
11-15	547.6	29.3	60.5	17.2	45.2	699.9	82.5	617.5	5.8	0.6	6.4	2.0	12.9	1.8	614.7
16-20	513.4	29.5	49.0	14.9	40.5	647.3	77.5	569.8	5.0	0.6	5.6	1.3	11.9	1.1	565.8
21 +	828.1	58.6	64.0	22.3	62.9	1,035.9	186.7	849.2	7.5	0.9	8.4	1.3	19.1	0.9	840.6
All	2,720.4	161.8	290.7	84.8	222.0	3,479.7	491.9	2,987.8	28.1	3.0	31.1	10.5	64.1	9.2	2,974.6

Note: Plaintiff Claims Legal Costs are included within the claim cost figures for the various disease types.


### C. Projected cashflow (\$m)

#### C.1 Prior to cost savings

Payment Year	Mesothelioma	Lung Cancer	Asbestosis	ARPD & Other	Defendant Legal Costs	Workers Compensation	Workers Compensation Legal Cost	Wharf Claims	Wharf Legal Costs	Baryulgil	Cross Claim Recoveries	Gross	Insurance	Net
2006 / 2007	60.4	3.8	10.9	2.6	5.7	0.8	0.1	0.7	0.1	0.6	1.5	84.3	12.8	71.4
2007 / 2008 2008 / 2009	68.2 74.0	3.8 3.9	10.9	2.6 2.8	7.0 7.9	0.8	0.1	0.6	0.1	0.6	1.7	93.1 100.5	13.1 13.8	80.0 86.7
2009 / 2010	80.3	4.2	11.5	3.0	9.1	1.0	0.1	0.5	0.1	0.6	2.0	108.7	14.7	94.0
2010 / 2011	85.9	4.4	12.2	3.1	10.1	1.0	0.1	0.5	0.1	0.6	2.1	116.1	15.2	100.8
2011/2012 2012/2013	91.4 97.0	4.7 5.0	12.7 13.0	3.3 3.4	11.1 12.3	1.1	0.1	0.5	0.1	0.6	2.2 2.3	123.4 130.7	16.2 17.3	107.2 113.4
2012/2013	101.9	5.3	13.0	3.4	12.3	1.1	0.2	0.5	0.1	0.5	2.3	130.7	17.0	115.4
2014 / 2015	106.5	5.5	13.3	3.6	13.3	1.2	0.2	0.5	0.1	0.5	2.5	142.0	17.9	124.2
2015 / 2016	110.3	5.7	13.3	3.6	13.6	1.2	0.2	0.5	0.1	0.4	2.6	146.4	15.7	130.7
2016 / 2017 2017 / 2018	113.2 115.4	5.9 6.1	13.3 13.1	3.7 3.7	13.9 14.1	1.2	0.2	0.4	0.1	0.4	2.7	149.7 152.0	16.7 17.5	133.0 134.5
2018 / 2019	116.7	6.2	12.9	3.7	14.3	1.2	0.2	0.4	0.1	0.4	2.7	153.1	18.2	134.9
2019 / 2020	117.0	6.3	12.5	3.6	14.2	1.2	0.2	0.3	0.1	0.3	2.7	153.0	18.7	134.3
2020 / 2021 2021 / 2022	116.4 114.9	6.4	12.1 11.6	3.5 3.4	14.0 13.7	1.2	0.2	0.3	0.1	0.3	2.7	151.8 149.3	18.6 16.9	133.2 132.4
2021 / 2022 2022 / 2023	114.9	6.4 6.4	11.0	3.4	13.7	1.2	0.2	0.3	0.1	0.3	2.6	149.5	16.9	132.4
2023 / 2024	109.3	6.3	10.4	3.2	12.8	1.1	0.2	0.2	0.0	0.2	2.5	141.1	16.7	124.4
2024 / 2025	105.2	6.1	9.7	3.0	12.2	1.0	0.2	0.2	0.0	0.2	2.4	135.5	16.6	118.9
2025 / 2026 2026 / 2027	100.5 95.2	6.0 5.7	9.0 8.3	2.8 2.7	11.6 10.9	1.0	0.2	0.2	0.0	0.2	2.3	129.1 122.0	16.4 16.0	112.7 106.0
2027 / 2028	89.5	5.5	7.6	2.5	10.2	0.8	0.1	0.2	0.0	0.1	2.1	114.4	15.6	98.8
2028 / 2029	83.4	5.2	6.9	2.3	9.4	0.8	0.1	0.1	0.0	0.1	1.9	106.4	15.1	91.3
2029 / 2030 2030 / 2031	76.9 70.4	4.9 4.6	6.2 5.5	2.1	8.6 7.9	0.7	0.1	0.1	0.0	0.1	1.8	98.0 89.5	14.5 13.9	83.5 75.6
2031 / 2032	63.8	4.0	4.9	1.7	7.1	0.6	0.1	0.1	0.0	0.1	1.5	81.1	13.3	67.8
2032 / 2033	57.4	3.9	4.3	1.5	6.4	0.5	0.1	0.1	0.0	0.1	1.3	72.9	12.6	60.3
2033 / 2034	51.1	3.6	3.8	1.3	5.7	0.4	0.1	0.1	0.0	0.0	1.2	65.0	11.8	53.1
2034 / 2035 2035 / 2036	45.2 39.6	3.2 2.9	3.3 2.8	1.2	5.0 4.4	0.4	0.1	0.1	0.0	0.0	1.0	57.4 50.3	11.1 10.3	46.4 40.0
2036 / 2037	34.4	2.6	2.4	0.9	3.8	0.3	0.1	0.0	0.0	0.0	0.8	43.8	9.5	34.3
2037 / 2038	29.6	2.3	2.1	0.8	3.3	0.3	0.0	0.0	0.0	0.0	0.7	37.7	8.7	29.0
2038 / 2039 2039 / 2040	25.3 21.4	2.0 1.8	1.7 1.5	0.7	2.8 2.4	0.2	0.0	0.0	0.0	0.0	0.6	32.3 27.3	7.9 7.1	24.3 20.2
2039 / 2040	17.9	1.5	1.2	0.0	2.4	0.2	0.0	0.0	0.0	0.0	0.5	27.3	5.2	17.8
2041 / 2042	14.9	1.3	1.0	0.4	1.7	0.1	0.0	0.0	0.0	0.0	0.3	19.2	4.5	14.7
2042 / 2043	12.3	1.1	0.8	0.3	1.4	0.1	0.0	0.0	0.0	0.0	0.3	15.9	3.9	11.9
2043 / 2044 2044 / 2045	10.0 8.1	1.0	0.7	0.3	1.2	0.1	0.0	0.0	0.0	0.0	0.2	13.0 10.6	3.4 2.5	9.6 8.1
2045 / 2046	6.5	0.7	0.4	0.2	0.8	0.1	0.0	0.0	0.0	0.0	0.2	8.5	1.6	6.9
2046 / 2047	5.2	0.6	0.4	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.1	6.8	1.0	5.9
2047 / 2048 2048 / 2049	4.1 3.2	0.5	0.3	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.1	5.4 4.3	0.8	4.7
2049 / 2050	2.5	0.3	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	3.3	0.5	2.9
2050 / 2051	1.9	0.3	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.4	2.2
2051 / 2052	1.5	0.2	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.3	1.7
2052 / 2053 2053 / 2054	1.1 0.8	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5 1.2	0.2	1.3 1.0
2054 / 2055	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1	0.7
2055 / 2056	0.5	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.6
2056 / 2057 2057 / 2058	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5 0.4	0.1	0.4
2058 / 2059	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.2
2059 / 2060	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
2060 / 2061 2061 / 2062	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 0.0	0.0	0.2	0.0	0.1
2061 / 2062 2062 / 2063	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
2063 / 2064	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2064 / 2065	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2065 / 2066 2066 / 2067	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2067 / 2068	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2068 / 2069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2069 / 2070	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2070 / 2071 2071 / 2072	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 0.0	0.0	0.0	0.0	0.0
2072 / 2073	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	2,872.6	170.4	305.9	89.2	335.9	29.7	4.5	9.8	1.6	9.2	67.7	3,761.2	519.5	3,241.7



## C.2 Post cost savings in NSW only

ayment Year	Mesothelioma	Lung Cancer	Asbestosis	ARPD & Other	Defendant Legal Costs	Workers Compensation	Compensation Legal Cost	Wharf Claims	Wharf Legal Costs	Baryulgil	Cross Claim Recoveries	Gross	Insurance	Net
2006/2007	59.3	3.8	10.8	2.6	5.5	0.8	0.1	0.7	0.1	0.6	1.5	82.8	12.7	70.1
2007/2008	66.3	3.7	10.3	2.6	6.4	0.8	0.1	0.6	0.1	0.6	1.6	90.2	12.7	77.4
2008/2009	71.7	3.8	11.0	2.8	0.90	0.9	0.1	0.5	0.1	0.6	1.8	96.8	13.4	83.4
2009/2010	77.8	4.1	11.5	3.0	7.7	0.9	0.1	0.5	0.1	0.6	1.9	104.4	14.3	90.1
2010/2011	83.2	4.3	11.9	31	8.4	10.50	1.1	0.5	1.1	0.6	2.0	111.1	14.7	96.3
2011/2012	88.5	4.6	12.3	3.2	9.0	10.50	02.1	0.5	02.1	0.6	2.1	117.8	15.7	102.1
2012/2013	93.9	4.9	12.6	3.3	9.8	16.61	0.1	0.5	0.1	0.5	2.3	124.5	16.6	107.8
2013/2014	98.7	5.1	12.8	3.4	10.2	0.1	0.1	0.5	0.1	0.5	2.4	116.51	16.5	113.6
2014/2015	103.1	5.3	12.9	3.15	10.5	1.2	5.11	0.5	5.11	0.5	2.5	117.11	17.1	118.0
2015/2016	106.7	5.6	12.9	3.5	10.7	1.2	0.1	0.4	0.1	0.4	2.5	139.2	14.9	124.3
2016/2017	109.6	5.7	12.9	3.6	.10	1.2	0.1	0.4	0.1	0.4	2.6	142.4	15.8	126.5
2017/2018	111.7	5.9	12.7	3.6	16.61	1.2	0.2	0.4	0.1	0.4	2.6	144.5	16.6	127.8
2018/2019	112.9	6.0	12.4	3.5	128.2	10.42	0.2	0.4	0.1	0.4	2.7	145.5	17.3	128.2
2019/2020	113.2	6.1	32.71	3.5	17.81	1.2	0.2	0.3	0.1	0.3	2.7	145.4	17.8	127.7
2020/2021	112.7	6.2	11.7	3.4	20.30	1.2	0.2	0.3	0.0	0.3	2.6	144.3	17.8	126.4
2021/2022	111.2 108.9	6.2	11.2	3.3 0.2	10.7	1.91	0.1	0.3	0.0	0.3	2.6	141.9	16.9	125.1
2022/2023		6.2	10.7		10.4	10.1	0.1	0.3	0.0	0.2	2.5	138.6	15.7	122.9
2023/2024 2024/2025	105.7 101.9	6.1 5.9	76.1 9.4	34.21 2.9	10.20 9.6	10.20 13.0	2.51 2.41	0.2	0.0	0.2	2.5 2.4	134.2 128.8	15.9 15.8	118.3 113.0
2024/2025 2025/2026	97.3	5.8	9.4	2.9	9.6	0.9	2.41	0.2	0.0	0.2	2.4	128.8	15.8	107.2
2025/2026	97.3	5.6	8.0	2.7	8.5	0.9	5.31	0.2	0.0	5.31	2.5	122.8	15.3	107.2
2027/2028	86.6	5.3	7.3	2.6	7.9	0.9	0.1	0.2	0.0	0.1	2.0	108.8	13.3	93.9
2028/2029	80.7	5.0	6.7	2.4	7.4	0.7	01.1	01.1	0.0	01.1	1.9	101.1	14.8	86.8
2029/2030	74.4	4.7	6.0	0.10	6.8	0.7	0.1	0.1	0.0	01.1	1.7	93.2	13.8	79.4
2020/2030	68.1	4.4	5.4	1.8	6.2	0.6	0.1	0.1	0.0	0.1	1.6	85.1	13.2	72.0
2031/2032	61.7	4.1	4.7	1.6	5.6	0.5	0.1	0.1	0.0	0.1	1.4	77.1	12.6	64.5
2032/2033	55.5	3.8	4.2	1.5	0.10	0.5	0.1	0.1	0.0	0.1	1.3	69.3	12.0	57.4
2033/2034	49.5	3.4	3.7	1.3	4.5	0.4	01.1	01.1	0.0	0.0	1.1	61.8	11.3	50.5
2034/2035	43.7	0.1	3.2	10.1	3.9	0.4	0.1	0.1	0.0	0.0	1.0	54.6	10.5	44.1
2035/2036	38.3	2.8	2.7	1.0	3.4	0.3	0.0	0.0	0.0	0.0	0.9	47.9	9.8	38.1
2036/2037	33.3	2.5	2.3	0.9	0.00	0.3	0.0	0.0	0.0	0.0	0.8	41.6	9.0	32.6
2037/2038	28.6	2.2	0.0	0.7	2.6	0.3	0.0	0.0	0.0	0.0	0.7	35.9	8.3	27.6
2038/2039	24.4	0.00	1.7	0.6	2.2	0.2	0.0	0.0	0.0	0.0	0.6	30.7	7.5	23.1
2039/2040	20.7	1.7	1.4	0.5	1.9	0.2	0.0	0.0	0.0	0.0	0.5	26.0	6.8	19.2
2040/2041	17.3	1.5	1.2	0.5	1.6	0.2	0.0	0.0	0.0	0.0	0.4	21.9	6.1	15.8
2041/2042	14.4	1.3	0.0	0.4	1.3	0.1	0.0	0.0	0.0	0.0	0.3	18.2	5.4	12.8
2042/2043	11.9	10.1	0.8	0.3	10.1	0.1	0.0	0.0	0.0	0.0	0.3	15.1	4.4	10.7
2043/2044	9.7	0.9	0.7	0.3	0.9	0.1	0.0	0.0	0.0	0.0	0.2	12.4	3.2	9.1
2044/2045	7.9	0.8	0.5	0.2	0.7	0.1	0.0	0.0	0.0	0.0	0.2	10.1	2.7	7.3
2045/2046	6.3	0.7	0.4	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.1	8.1	2.2	5.9
2046/2047	5.0	0.6	0.3	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.1	6.5	1.8	4.7
2047/2048	4.0	0.5	0.3	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.1	5.2	1.4	3.8
2048/2049	3.1	0.4	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	4.1	1.1	3.0
2049/2050	2.4	0.3	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	3.2 2.5	0.9	2.3
2050/2051	1.8	0.3	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.7	1.8
2051/2052 2052/2053	1.4	0.2	0.1 0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.3	1.4
2052/2053 2053/2054	0.8	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.4	0.8
2054/2055	0.6	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	0.8
2055/2055	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.5
2056/2057	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.3
2057/2058	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.3
2058/2059	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.2
2059/2060	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
2060/2061	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
2061/2062	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
2062/2063	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2063/2064	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2064/2065	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2065/2066	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2066/2067	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2067/2068	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2068/2069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2069/2070	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2070/2071	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2071/2072	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2072/2073	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		165.2	296.8	86.5	267.4	28.7	3.6	9.265	1.3	9.2	65.5	3,584.0	504.8	3,079.2



## C.3 Post cost savings applied Australia-wide

Payment Year	Mesothelioma	Lung Cancer	Asbestosis	ARPD & Other	Defendant Legal Costs	Workers Compensation	Workers Compensation Legal Costs	Wharf Claims	Wharf Legal Costs	Baryulgil	Cross Claim Recoveries	Gross	Insurance	Net
2006 / 2007	58.5	3.8	10.8	2.6	5.4	0.8	0.1	0.7	0.1	0.6	1.5	81.8	12.5	69.3
2007 / 2008 2008 / 2009	64.9 70.2	3.7	10.6 10.8	2.5 2.7	6.0 6.3	0.8	0.1	0.6	0.1	0.6 0.6	1.6	88.2 94.3	12.6	75.7 81.2
2008 / 2009	76.1	4.0	11.3	2.9	6.9	0.9	0.1	0.5	0.1	0.6	1.9	101.5	14.0	87.5
2010 / 2011	81.4	4.2	11.6	3.0	7.2	1.0	0.1	0.5	0.1	0.6	2.0	107.7	14.4	93.3
2011 / 2012	86.6	4.5	12.0	3.1	7.6	1.0	0.1	0.5	0.1	0.6	2.1	114.0	15.3	98.8
2012 / 2013	91.8	4.8 5.0	12.3 12.5	3.2	8.1	1.1	0.1	0.5	0.1 0.1	0.5	2.2 2.3	120.3 125.8	16.2	104.1 109.6
2013 / 2014 2014 / 2015	96.5 100.8	5.0	12.5	3.3 3.4	8.4 8.7	1.1	0.1	0.5	0.1	0.5	2.3	125.8	16.2 16.7	113.9
2015 / 2016	104.4	5.4	12.7	3.5	8.9	1.1	0.1	0.4	0.1	0.4	2.5	134.5	14.4	120.1
2016 / 2017	107.2	5.6	12.6	3.5	9.0	1.2	0.1	0.4	0.1	0.4	2.5	137.5	15.3	122.2
2017 / 2018	109.2	5.8	12.4	3.5	9.1	1.2	0.1	0.4	0.0	0.4	2.6	139.5	16.0	123.4
2018 / 2019 2019 / 2020	110.4	5.9 6.0	12.2	3.5 3.4	9.1 9.1	1.2	0.1	0.4	0.0	0.4	2.6 2.6	140.5 140.4	16.7 17.1	123.8 123.3
2019 / 2020	110.7	6.1	11.8	3.4	8.9	1.2	0.1	0.3	0.0	0.3	2.6	139.3	17.1	123.3
2021 / 2022	108.8	6.1	11.0	3.3	8.7	1.1	0.1	0.3	0.0	0.3	2.5	137.0	16.9	120.2
2022 / 2023	106.5	6.0	10.5	3.1	8.5	1.1	0.1	0.3	0.0	0.2	2.5	133.8	15.1	118.7
2023 / 2024	103.4	5.9	9.8	3.0	8.1	1.0	0.1	0.2	0.0	0.2	2.4	129.5	15.3	114.3
2024 / 2025 2025 / 2026	99.6 95.2	5.8 5.6	9.2 8.5	2.9 2.7	7.8 7.4	1.0	0.1	0.2	0.0	0.2	2.3 2.2	124.4 118.6	15.2 15.0	109.2 103.5
2026 / 2027	90.2	5.4	7.8	2.5	6.9	0.8	0.1	0.2	0.0	0.1	2.1	112.1	14.7	97.3
2027 / 2028	84.7	5.2	7.2	2.3	6.5	0.8	0.1	0.1	0.0	0.1	2.0	105.1	14.3	90.7
2028 / 2029	78.9	4.9	6.5	2.1	6.0	0.7	0.1	0.1	0.0	0.1	1.8	97.7	13.9	83.8
2029 / 2030 2030 / 2031	72.8	4.6	5.9	2.0	5.5	0.7	0.1	0.1	0.0	0.1	1.7	90.0 82.2	13.3 12.7	76.6
2030 / 2031 2031 / 2032	66.6 60.4	4.3 4.0	5.2 4.6	1.8 1.6	5.0 4.5	0.6	0.1	0.1	0.0	0.1	1.5	74.5	12.7	69.5 62.4
2032 / 2032	54.3	3.7	4.0	1.4	4.1	0.5	0.1	0.1	0.0	0.1	1.4	67.0	11.6	55.4
2033 / 2034	48.4	3.4	3.6	1.3	3.6	0.4	0.0	0.1	0.0	0.0	1.1	59.7	10.9	48.8
2034 / 2035	42.7	3.1	3.1	1.1	3.2	0.4	0.0	0.1	0.0	0.0	1.0	52.7	10.2	42.6
2035 / 2036 2036 / 2037	37.4 32.5	2.7	2.7	1.0	2.8	0.3	0.0	0.0	0.0	0.0	0.9	46.2 40.2	9.5 8.7	36.8
2038 / 2037 2037 / 2038	28.0	2.5	2.0	0.8	2.4 2.1	0.3	0.0	0.0	0.0	0.0	0.6	34.6	8.0	31.4 26.6
2038 / 2039	23.9	1.9	1.6	0.6	1.8	0.2	0.0	0.0	0.0	0.0	0.6	29.6	7.3	22.3
2039 / 2040	20.2	1.7	1.4	0.5	1.5	0.2	0.0	0.0	0.0	0.0	0.5	25.1	6.6	18.5
2040 / 2041	16.9	1.5	1.2	0.5	1.3	0.2	0.0	0.0	0.0	0.0	0.4	21.1 17.6	5.9	15.2
2041 / 2042 2042 / 2043	14.1 11.6	1.3	1.0	0.4	0.9	0.1	0.0	0.0	0.0	0.0	0.3	14.6	5.2 4.5	12.4
2042 / 2043	9.5	0.9	0.6	0.3	0.7	0.1	0.0	0.0	0.0	0.0	0.2	11.9	3.8	8.1
2044 / 2045	7.7	0.8	0.5	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.2	9.7	3.2	6.5
2045 / 2046	6.2	0.7	0.4	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.1	7.8	2.6	5.2
2046 / 2047 2047 / 2048	4.9	0.5	0.3	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.1	6.3 5.0	1.8 1.4	4.5 3.6
2048 / 2049	3.0	0.3	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	3.9	1.4	2.9
2049 / 2050	2.4	0.3	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	3.1	0.8	2.2
2050 / 2051	1.8	0.2	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.6	1.7
2051 / 2052	1.4	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.5	1.3
2052 / 2053 2053 / 2054	1.0 0.8	0.2	0.1 0.1	0.0	0.1 0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4 1.1	0.4 0.3	1.0 0.8
2054 / 2054	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.2	0.6
2055 / 2056	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.4
2056 / 2057	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.3
2057 / 2058 2058 / 2059	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.2
2058 / 2059 2059 / 2060	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.2
2060 / 2061	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
2061 / 2062	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
2062 / 2063	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2063 / 2064 2064 / 2065	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2064 / 2065 2065 / 2066	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2066 / 2067	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2067 / 2068	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2068 / 2069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2069 / 2070 2070 / 2071	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2070/2071 2071/2072	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2072 / 2073	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	2,720.4	161.8	290.7	84.8	222.0	28.1	3.0	9.4	1.2	9.2	64.1	3,466.5	491.9	2,974.6



#### D. Comparison of costs: 31 March 2006

	Pre cost savings \$m			Post cost savings in NSW only \$m			Post cost savings Australia-wide \$m		
	Gross of insurance	Insurance	Net of insurance	Gross of insurance	Insurance	Net of insurance	Gross of insurance	Insurance	Net of insurance
Total projected cashflows in									
current dollars (uninflated									
and undiscounted)	1,723.7	245.2	1,478.5	1,635.8	234.1	1,401.7	1,577.6	226.7	1,350.9
Future inflation allowance (base and superimposed									
inflation)	2,037.5	274.3	1,763.2	1,948.2	270.7	1,677.4	1,888.9	265.2	1,623.7
Total projected cashflows									
with inflation allowance	3,761.2	519.5	3,241.7	3,584.0	504.8	3,079.2	3,466.5	491.9	2,974.6
Discounting allowance	(1,928.6)	(278.4)	(1,650.2)	(1,834.4)	(272.2)	(1,562.2)	(1,772.0)	(265.4)	(1,506.6)
Net present value liabilities	1,832.7	241.2	1,591.5	1,749.6	232.6	1,517.0	1,694.5	226.5	1,468.0

# E. Actuarial valuation assumptions

#### E.1 Total number of claims notifications (past & future)

	31 March 2006 valuation	31 June 2005 valuation	31 March 2005 valuation
Mesothelioma	6,518	6,528	6,873
Lung Cancer	904	893	808
Asbestosis	2,217	2,214	2,378
ARPD & Other	835	849	934
Wharf	180	168	199
Workers Compensation	1,859	2,075	1,891

## E.2 Latency model

	Mean (years)	Standard Deviation (years)
Mesothelioma	35	10
Lung Cancer	35	10
Asbestosis	30	10
ARPD & Other	30	11
Wharf	n/a	n/a
Workers Compensation	n/a	n/a

#### E.3 Assumed peak year of notifications

	31 March 2006 valuation	30 June 2005 valuation	31 March 2005 valuation
Mesothelioma	2010/11	2010/11	2010/11
Lung Cancer	2010/11	2010/11	2010/11
Asbestosis	2005/06	2005/06	2005/06
ARPD & Other	2006/07	2006/07	2006/07
Wharf	2000/01	2000/01	2000/01
Workers Compensation	2006/07	2006/07	2006/07

#### Notes for E.4 to E.7:

<sup>1</sup> Average costs at 31 March 2006 valuation are in mid 2005/06 money terms

<sup>2</sup> Average costs at 30 June 2005 valuation are in mid 2005/06 money terms

<sup>3</sup> Average costs at 31 March 2005 valuation are in mid 2004/05 money terms

#### E.4 Projected average Liable Entities share of claim award costs of non-nil settlements (pre cost savings)

	31 March 2006 valuation 1	30 June 2005 valuation 2	31 March 2005 valuation 3
Mesothelioma	260,000	265,000	250,000
Lung Cancer	135,000	140,000	130,000
Asbestosis	100,000	100,000	95,000
ARPD & Other	90,000	90,000	90,000
Wharf	90,000	90,000	90,000
Workers Compensation	135,000	135,000	135,000

#### E.5 Projected average Liable Entities' defendant costs of nil settlements (pre cost savings)

	31 March 2006 valuation <sup>1</sup>	30 June 2005 valuation <sup>2</sup>	31 March 2005 valuation <sup>3</sup>
Mesothelioma	20,000	22,500	22,500
Lung Cancer	7,500	7,500	7,500
Asbestosis	15,000	3,500	3,500
ARPD & Other	15,000	15,000	15,000
Wharf	1,500	1,500	1,500
Workers Compensation	7,500	7,500	7,500

#### E.6 Projected average Liable Entities share of defendant claims legal costs of non-nil settlements (pre cost savings)

	31 March 2006 valuation 1	30 June 2005 valuation 2	31 March 2005 valuation 3
Mesothelioma	30,000	35,000	35,000
Lung Cancer	12,500	12,500	12,500
Asbestosis	25,000	25,000	25,000
ARPD & Other	30,000	35,000	35,000
Wharf	15,000	15,000	15,000
Workers Compensation	15,000	25,000	25,000

#### E.7 Large claims loading (for claims in excess of \$1m in current money terms)

	31 March 2006 valuation 1	30 June 2005 valuation 2	31 March 2005 valuation 3
Mesothelioma	\$1,500,000	\$1,500,000	\$1,500,000
	average claim	average claim	average claim
	1.5% incidence	1.5% incidence	1.5% incidence
	rate	rate	rate
	\$22,500 loading	\$22,500 loading	\$22,500 loading
	per claim	per claim	per claim
Lung Cancer	Nil	Nil	Nil
Asbestosis	Nil	Nil	Nil
ARPD & Other	Nil	Nil	Nil
Wharf	Nil	Nil	Nil
Workers Compensation	Nil	Nil	Nil

#### E.8 Nil claim settlement rate

	31 March 2006 valuation	30 June 2005 valuation	31 March 2005 valuation
Mesothelioma	11.5%	14%	15%
Lung Cancer	30%	32%	32%
Asbestosis	9.5%	10%	12%
ARPD & Other	20%	20%	20%
Wharf	35%	35%	35%
Workers Compensation	90%	90%	90%



#### E.9 Cross-claim recoveries and Other Recoveries rate

	31 March 2006 valuation	30 June 2005 valuation	31 March 2005 valuation
Cross-claim recoveries rate	2.00%	1.40%	n/a
Other Recoveries rate	0.00%	0.00%	n/a
Total recoveries rate	2.00%	1.40%	1.40%

## E.10 Margin in case estimates

	31 March 2006	30 June 2005	31 March 2005
	valuation	valuation	valuation
Assumed surplus as a % of case estimates	0.0%	0.0%	0.0%

#### E.11 Economic assumptions excluding discount rate

	31 March 2006 valuation	30 June 2005 valuation	31 March 2005 valuation
Base inflation	4.25% per annum	4% per annum	4% per annum
Superimposed inflation	2% per annum	2% per annum	2% per annum



#### E.12 Discount rate by year

Year	31 March 2006 valuation	30 June 2005 valuation	31 March 2005 valuation
1	5.44%	5.33%	5.73%
2	5.41%	5.08%	5.71%
3	5.44%	5.09%	5.71%
4	5.46%	5.11%	5.71%
5	5.49%	5.14%	5.72%
6	5.51%	5.17%	5.74%
7	5.54%	5.20%	5.77%
8	5.56%	5.23%	5.80%
9+	5.57%	5.25%	5.82%



## F. Australian Consumption and Production Data: 1920-2002

Figures in this table are in 000's metric tonnes

0 $0$ $0$ $0$ $1921$ $1,182$ $0$ $0$ $1922$ $742$ $0$ $0$ $1923$ $217$ $0$ $0$ $1924$ $78$ $0$ $0$ $1925$ $51$ $0$ $0$ $1926$ $0$ $0$ $0$ $1927$ $11$ $0$ $0$ $1928$ $12$ $0$ $0$ $1929$ $255$ $3,679$ $0$ $1930$ $82$ $0$ $0$ $1931$ $128$ $1,200$ $0$ $1933$ $279$ $2,676$ $0$ $1934$ $170$ $2,471$ $0$ $1935$ $170$ $4,423$ $0$ $1936$ $239$ $7,817$ $0$ $1938$ $173$ $11,179$ $0$ $1939$ $78$ $10,081$ $0$ $1940$ $489$ $14,097$ $0$ $1941$ $251$ $14,220$ $0$ $1942$ $0$ $678$ $14,229$ $0$	0 1,182 742 217 78 51 0 11 12 3,934 82 1,328 130 2,955 2,641 4,593 8,056 6,497 11,352 10,159 (),15
1921 $1,182$ $0$ $0$ $1922$ $742$ $0$ $0$ $1923$ $217$ $0$ $0$ $1924$ $78$ $0$ $0$ $1925$ $51$ $0$ $0$ $1926$ $0$ $0$ $0$ $1927$ $11$ $0$ $0$ $1928$ $12$ $0$ $0$ $1930$ $82$ $0$ $0$ $1931$ $128$ $1,200$ $0$ $1933$ $279$ $2,676$ $0$ $1934$ $170$ $2,471$ $0$ $1935$ $170$ $4,423$ $0$ $1936$ $239$ $7,817$ $0$ $1936$ $78$ $10,081$ $0$ $1937$ $228$ $6,199$ $0$ $1938$ $173$ $11,179$ $0$ $1939$ $78$ $10,081$ $0$ $1940$ $489$ $14,097$ $0$ $1941$ $251$ $14,220$ $0$ $1943$ $0$ $331$ $20,176$ $0$	$\begin{array}{c} 1,182\\ 742\\ 217\\ 78\\ 51\\ 0\\ 111\\ 12\\ 3,934\\ 82\\ 1,328\\ 130\\ 2,955\\ 2,641\\ 4,593\\ 8,056\\ 6,497\\ 11,352\\ 10,159\\ \end{array}$
1922 $742$ $0$ $0$ $1923$ $217$ $0$ $0$ $1924$ $78$ $0$ $0$ $1925$ $51$ $0$ $0$ $1926$ $0$ $0$ $0$ $1927$ $11$ $0$ $0$ $1928$ $255$ $3,679$ $0$ $1929$ $255$ $3,679$ $0$ $1930$ $82$ $0$ $0$ $1931$ $128$ $1,200$ $0$ $1933$ $279$ $2,676$ $0$ $1934$ $170$ $2,471$ $0$ $1935$ $170$ $4,423$ $0$ $1936$ $239$ $7,817$ $0$ $1937$ $298$ $6,199$ $0$ $1938$ $173$ $11,179$ $0$ $1939$ $78$ $10,081$ $0$ $1940$ $489$ $14,097$ $0$ $1941$ $251$ $14,220$ $0$ $1943$ $331$ $20,176$ $0$	742 217 78 51 0 111 12 3,934 82 1,328 130 2,955 2,641 4,593 8,056 6,497 11,352 10,159
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	217 78 51 0 11 12 3,934 82 1,328 130 2,955 2,641 4,593 8,056 6,497 11,352 10,159
1924 $78$ $0$ $0$ $1925$ $51$ $0$ $0$ $1926$ $0$ $0$ $0$ $1927$ $11$ $0$ $0$ $1928$ $12$ $0$ $0$ $1930$ $82$ $0$ $0$ $1931$ $128$ $1,200$ $0$ $1933$ $279$ $2,676$ $0$ $1934$ $170$ $2,471$ $0$ $1935$ $170$ $4,423$ $0$ $1937$ $298$ $6,199$ $0$ $1938$ $173$ $11,179$ $0$ $1939$ $78$ $10,081$ $0$ $1940$ $489$ $14,097$ $0$ $1943$ $331$ $20,176$ $0$	51 0 11 12 3,934 82 1,328 130 2,955 2,641 4,593 8,056 6,497 11,352 10,159
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	51 0 11 12 3,934 82 1,328 130 2,955 2,641 4,593 8,056 6,497 11,352 10,159
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	11 12 3,934 82 1,328 130 2,955 2,641 4,593 8,056 6,497 11,352 10,159
1928 $12$ $0$ $0$ $1929$ $255$ $3,679$ $0$ $1930$ $82$ $0$ $0$ $1931$ $128$ $1,200$ $0$ $1932$ $130$ $0$ $0$ $1933$ $279$ $2,676$ $0$ $1934$ $170$ $2,471$ $0$ $1935$ $170$ $4,423$ $0$ $1936$ $239$ $7,817$ $0$ $1937$ $298$ $6,199$ $0$ $1938$ $173$ $11,179$ $0$ $1939$ $78$ $10,081$ $0$ $1940$ $489$ $14,027$ $0$ $1941$ $251$ $14,220$ $0$ $1943$ $678$ $14,229$ $0$	12 3,934 82 1,328 130 2,955 2,641 4,593 8,056 6,497 11,352 10,159
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8,056 6,497 11,352 10,159
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6,497 11,352 10,159
19381731,179019397810,0810194048914,0970194125114,2200194233120,1760194367814,2290	11,352 10,159
19397810,0810194048914,0970194125114,2200194233120,1760194367814,2290	10,159
194048914,0970194125114,2200194233120,1760194367814,2290	
194125114,2200194233120,1760194367814,2290	14 506
194233120,1760194367814,2290	14,586
1943 678 14,229 0	14,471
	20,507
	14,907
1944 764 14,091 0	14,855
1945 1,629 9,131 32	10,728
1946 620 18,697 496	18,821
1947 1,377 14,246 652	14,971
1948 1,327 14,857 278	15,906
1949 <u>1,645</u> <u>14,767</u> <u>346</u>	16,066
1950         1,617         29,536         385           1951         2,559         599         599	30,768
1951     2,558     25,289     588       1952     24,680     246	27,259
1952     4,059     24,686     868       1953     4,970     28,784     1,631	27,877
	32,123
19544,71326,4062,29819555,35242,6773,287	28,821 44,742
1955     5,552     42,677     5,267       1956     8,670     32,219     6,859	34,030
1950         3,070         32,215         0,855           1957         13,098         23,235         11,644	24,689
1958     13,900     34,721     9,315	39,306
1950         1950         9515           1959         15,959         34,223         11,584	38,598
1960 13,940 36,609 7,410	43,139
1961         14,952         32,947         7,196	40,703
1962 16,443 34,915 8,695	42,663
1963 11,941 32,704 2,347	42,298
1964 12,191 38,299 6,500	43,990
1965 10,326 46,179 4,295	52,210
1966 12,024 49,243 4,146	57,121
1967 647 46,950 2,254	45,343
1968 799 59,590 <b>7</b> 18	59,671
1969 734 52,739 162	53,311
1970 739 57,250 367	57,622
1971 756 71,777 174	72,359
<b>1</b> 972 <b>1</b> 6,884 <b>6</b> 1,682 <b>2</b> ,387	76,179
1973 43,529 61,373 27,810	77,092
<b>1</b> 974 <b>3</b> 0,863 <b>5</b> 7,051 <b>2</b> 9,191	58,723
1975 47,922 69,794 24,524	93,192
1976 60,642 60,490 40,145	80,987
1977         50,601         54,267         20,510	84,358
1978         62,383         42,061         37,094	67,350
1979         79,721         23,735         54,041	49,415
1980         92,418         25,239         51,172	66,485
1981         45,494         20,960         38,576	27,878
1982 18,587 20,853 15,578	23,862

1983	3,909	10,113	4,460	9,562
1984	0	14,432	22	14,410
1985	0	12,194	0	12,194
1986	0	10,597	0	10,597
1987	0	6,294	0	6,294
1988	0	2,072	0	2,072
1989	0	2,128	0	2,128
1990	0	1,706	0	1,706
1991	0	1,342	0	1,342
1992	0	1,533	0	1,533
1993	0	2,198	0	2,198
1994	0	1,843	0	1,843
1995	0	1,488	0	1,488
1996	0	1,366	0	1,366
1997	0	1,556	0	1,556
1998	0	1,471	0	1,471
1999	0	1,316	0	1,316
2000	0	1,246	0	1,246
2001	0	945	0	945
2002	0	515	0	515

#### G. Additional Information as at 28 February 2006

		Australia		
	March 31, 2006	For the year ended March 31, 2005	March 31, 2004	March 31, 2003
Number of claims filed	346	489	379	402
Number of claims dismissed	97	62	119	29
Number of claims distinsed Number of claims settled or otherwise resolved	405	402	316	231
Average settlement amount per claim (AU\$)	151,883	157,594	167,450	204,194
Average settlement amount per claim (AO\$)	151,885	137,374	107,450	204,174
		New Zealand For the year ended		
	March 31, 2006	March 31, 2005	March 31, 2004	March 31, 2003
Number of claims filed	0	0	0	0
Number of claims dismissed	0	0	0	2
Number of claims settled or otherwise resolved	0	0	0	1
Average settlement amount per claim (AU\$)	0	0	0	2,000
				,
	Un	known - Court not identified		
		For the year ended		
	March 31, 2006	March 31, 2005	March 31, 2004	March 31, 2003
Number of claims filed	6	7	1	7
Number of claims dismissed	10	20	15	0
Number of claims settled or otherwise resolved	12	2	0	3
Average settlement amount per claim (AU\$)	198,892	47,000	0	37,090
		USA		
		For the year ended		
	March 31, 2006	March 31, 2005	March 31, 2004	March 31, 2003
Number of claims filed	0	0	0	0
Number of claims dismissed	0	3	1	0
Number of claims settled or otherwise resolved	0	1	0	0
Average settlement amount per claim (AU\$)	0	228,293	0	0
				ustralia
				March 31,
			2006	2005
Number of claims pending			556	712
			N	7.1.1
				v Zealand March 31,
			2006	2005
Number of claims pending			0	0
rumber of elams pending			0	Ū
			Unknown - Co	urt not identified
				farch 31,
			2006	2005
Number of claims pending			20	36
				USA
				March 31,
			2006	2005

#### Number of claims pending

Other Disclosure necessary for the SEC:

			As of March 31,		
	2006	2005	2004	2003	2002
Number of open cases at beginning of year	749	743	814	671	569
Number of new cases	352	496	380	409	375
Number of closed cases	524	490	451	266	273
	577	749	743	814	671
Number of open cases at end of year					
Average Settlement per Settled Claim (AU\$)	153,236	157,223	167,450	201,200	197,941
Average Settlement per Closed Claim (AU\$)	121,945	129,949	117,327	177,752	125,435

## Notes:

1. The date of a new case relates to the date which this claim has been notified to the subsidiaries of the MRCF or JHIL (pre 2001).

2. The date of a closed claim relates to the date at which judgement is made of award to the plaintiff and the judgement of the contribution between defendants, referred to as the "client settlement date" (see section 4.4 of KPMG Actuaries Valuation Report).

3. A claim being dismissed relates to the case being closed and the MRCF's share of the settlement amount being equal to zero.

4. The settlement amount is equal to the MRCF's share of the plaintiff award and plaintiff legal fees, so this excludes any legal costs relating to defence by the MRCF.

5. The location of the court has been used as the location indicator with any Australian state implying "Australia". "Unknown — Court not identified" refers to claims where the location of the Court is blank or described as "Other" in the current claims database.

6. The "Average Settlement per Settled Claim (AU\$)" is defined as the sum of settlement amount divided by the number of claims settled where the settlement amount does not equal zero.

7. The "Average Settlement per Closed Claim (AU\$)" is the sum of settlement amount divided by the number of closed claims, so including claims where the settlement amount is equal to zero.

8. The year ending 31 March 2006 only includes data up to 28 February 2006, and therefore is only a partial year.

9. There were a further 44 claims notified in March 2006

10. Any late processing in relation to a prior year has been taken into the current year data. This ensures that previous disclosures in relation to this data have not changed. Accordingly the data in this analysis for any annual period will not necessarily match that currently reported in the latest KPMG Actuaries Valuation Report

#### H. Glossary of Terms

The following provides a glossary of terms upon which we have relied in preparing our report.

The operation of these definitions cannot be considered in isolation but instead need to be considered in the context of the totality of the Final Funding Agreement. For the purpose of preparing our valuation report, we have been given full access to the Final Funding Agreement.

AICF means the trustee of the Asbestos Injuries Compensation Fund from time to time, in its capacity as trustee, initially being Asbestos Injuries Compensation Fund Limited.

#### AICF Funded Liability means:

- (a) any Proven Claim;
- (b) Operating Expenses;
- (c) Claims Legal Costs;
- (d) any claim that was made or brought in legal proceedings against a Former James Hardie Company commenced before 1 December 2005;
- (e) Statutory Recoveries within the meaning and subject to the limits set out in the Final Funding Agreement;
- (f) a claim or category of claim which James Hardie and the NSW Government agree in writing is a "AICF Funded Liability" or a category of "AICF Funded Liability".

but in the cases of paragraphs (a), (c) and (d) excludes any such liabilities or claims to the extent that they have been recovered or are recoverable under a Worker's Compensation Scheme or Policy

*Claims Legal Costs* means all costs, charges, expenses and outgoings incurred or expected to be borne by AICF or the Former James Hardie Companies, in respect of legal advisors, other advisors, experts, court proceedings and other dispute resolution methods in connection with Personal Asbestos Claims and Marlew Claims but in all cases excluding any costs included as a component of calculating a Proven Claim.



**Concurrent Wrongdoer** in relation to a personal injury or death claim for damages under common law or other law (excluding any law introduced or imposed in breach of the restrictions on adverse regulatory or legislative action against the James Hardie Group under the Final Funding Agreement, and which breach has been notified to the NSW Government in accordance with Final Funding Agreement), means a person whose acts or omissions, together with the acts or omissions of one or more Former James Hardie Companies or Marlew or any member of the James Hardie Group (whether or not together with any other persons) caused, independently of each other or jointly, the damage or loss to another person that is the subject of that claim.

**Contribution Claim** means a cross-claim or other claim under common law or other law (excluding any law introduced or imposed in breach of the restrictions on adverse regulatory or legislative action against the James Hardie Group under the Final Funding Agreement, and which breach has been notified to the NSW Government in accordance with Final Funding Agreement):

- (a) for contribution by a Concurrent Wrongdoer against a Former James Hardie Company or a member of the James Hardie Group in relation to facts or circumstances which give rise to a right of a person to make a Personal Asbestos Claim or a Marlew Claim; or
- (b) by another person who is entitled under common law (including by way of contract) to be subrogated to such a first mentioned cross-claim or other claim;

**Discounted Central Estimate** means the central estimate of the present value (determined using the discount rate used within the relevant actuarial report) of the liabilities of the Former James Hardie Companies and Marlew in respect of expected Proven Claims and Claims Legal Costs, calculated in accordance with the Final Funding Agreement.

Excluded Claims are any of the following liabilities of the Former James Hardie Companies:

- (i) personal injury or death claims arising from exposure to Asbestos outside Australia;
- (ii) personal injury or death claims arising from exposure to Asbestos made outside Australia;
- claims for economic loss (other than any economic loss forming part of the calculation of an award of damages for personal injury or death) or loss of property, including those relating to land remediation and/or Asbestos or Asbestos products removal, arising out of or in connection



with Asbestos or Asbestos products manufactured, sold, distributed or used by or on behalf of the Liable Entities;

(iv) any Excluded Marlew Claim;

(v) any liabilities of the Liable Entities other than AICF Funded Liabilities.

#### Excluded Marlew Claim means a Marlew Claim:

- (a) covered by the indemnities granted by the Minister of Mineral Resources under the deed between the Minister, Fuller Earthmoving Pty Limited and James Hardie Industries Limited dated 11 March 1996; or
- (b) by a current or former employee of Marlew in relation to an exposure to Asbestos in the course of such employment to the extent:
  - (i) the loss is recoverable under a Worker's Compensation Scheme or Policy; or
  - (ii) the Claimant is not unable to recover damages from a Marlew Joint Tortfeasor in accordance with the Marlew Legislation;
- (c) by an individual who was or is an employee of a person other than Marlew arising from exposure to Asbestos in the course of such employment by that other person where such loss is recoverable from that person or under a Worker's Compensation Scheme or Policy; or
- (d) in which another defendant (or its insurer) is a Marlew Joint Tortfeasor from whom the plaintiff is entitled to recover compensation in proceedings in the Dust Diseases Tribunal, and the Claimant is not unable to recover damages from that Marlew Joint Tortfeasor in accordance with the Marlew Legislation.

#### Former James Hardie Companies means Amaca, Amaba and ABN 60.

Insurance and Other Recoveries means any proceeds which may reasonably be expected to be recovered or recoverable for the account of a Former James Hardie Company or to result in the satisfaction (in whole or part) of a liability of a Former James Hardie Company (of any nature) to a third party, under any product liability insurance policy or public liability insurance policy or commutation of such policy or under any other contract, including any contract of indemnity, but excluding any such amount recovered or recoverable under a Worker's Compensation Scheme or Policy.

Liable Entities see Former James Hardie Companies

Marlew means Marlew Mining Pty Ltd (in liquidation), ACN 000 049 650, previously known as Asbestos Mines Pty Ltd.



Marlew Claim means, subject to the limitation on Statutory Recoveries, a claim which satisfies one of the following paragraphs and which is not an Excluded Marlew Claim:

- (a) any present or future personal injury or death claim by an individual or the legal personal representative of an individual, for damages under common law or other law (excluding any law introduced or imposed in breach of the restrictions on adverse regulatory or legislative action against the James Hardie Group under the Final Funding Agreement, and which breach has been notified to the NSW Government in accordance with the Final Funding Agreement) which:
  - (i) arose or arises from exposure to Asbestos in the Baryulgil region from Asbestos Mining Activities at Baryulgil conducted by Marlew, provided that:
    - A. the individual's exposure to Asbestos occurred wholly within Australia; or
    - B. where the individual has been exposed to Asbestos both within and outside Australia, the amount of damages included in the Marlew Claim shall be limited to the amount attributable to the proportion of the exposure which caused or contributed to the loss or damage giving rise to the Marlew Claim which occurred in Australia;
  - (ii) is commenced in New South Wales in the Dust Diseases Tribunal; and
  - (iii) is or could have been made against Marlew had Marlew not been in external administration or wound up, or could be made against Marlew on the assumption (other than as contemplated under the Marlew legislation) that Marlew will not be in the future in external administration;
- (b) any claim made under compensation to relatives legislation by a relative of a deceased individual (or personal representative of such a relative) or (where permitted by law) the legal personal representative of a deceased individual in each case where the individual, but for such individual's death, would have been entitled to bring a claim of the kind described in paragraph (a); or
- (c) a Contribution Claim relating to a claim described in paragraphs (a) or (b).



Marlew Joint Tortfeasor means any person who is or would be jointly and severally liable with Marlew in respect of a Marlew Claim, had Marlew not been in external administration or wound up, or on the assumption that Marlew will not in the future be, in external administration or wound up other than as contemplated under the Marlew Legislation.

Payable Liability means any of the following:

- (a) any Proven Claim (whether arising before or after the date of this deed);
- (b) Operating Expenses;
- (c) Claims Legal Costs;
- (d) any liability of a Former James Hardie Company to the AICF, however arising, in respect of any amounts paid by the AICF in respect of any liability or otherwise on behalf of the Former James Hardie Company;
- (e) any claim that was made or brought in legal proceedings against a Former James Hardie Company commenced before 1 December 2005;
- (f) if regulations are made pursuant to section 30 of the Transaction Legislation and if and to the extent the AICF and James Hardie have notified the NSW Government that any such liability is to be included in the scope of Payable Liability, any liability of a Former James Hardie Company to pay amounts received by it from an insurer in respect of a liability to a third party incurred by it for which it is or was insured under a contract of insurance entered into before 2 December 2005;and
- (g) Statutory Recoveries within the meaning and subject to the limits set out in the Final Funding Agreement,

but in the cases of paragraphs (a), (c) and (e) excludes any such liabilities or claims to the extent that they have been recovered or are recoverable under a Worker's Compensation Scheme or Policy.

**Period Actuarial Estimate** means, in respect of a period, the central estimate of the present value (determined using the discount rate used in the relevant actuarial report) of the liabilities of the Former James Hardie Companies and Marlew in respect of expected Proven Claims and Claims Legal Costs (in each case which are reasonably expected to become payable in that period), before allowing for Insurance and Other Recoveries, calculated in accordance with the Final Funding Agreement.



**Personal Asbestos Claim** means any present or future personal injury or death claim by an individual or the legal personal representative of an individual, for damages under common law or under other law (excluding any law introduced or imposed in breach of the restrictions on adverse regulatory or legislative action against the James Hardie Group under the Final Funding Agreement, and which breach has been notified to the NSW Government under the Final Funding Agreement) which:

- (a) arises from exposure to Asbestos occurring in Australia, provided that:
  - (i) the individual's exposure to Asbestos occurred wholly within Australia; or
  - where the individual has been exposed to Asbestos both within and outside Australia, damages included in the Marlew Claim shall be limited to the amount attributable to the proportion of the exposure which caused or contributed to the loss or damage giving rise to the Personal Asbestos Claim which occurred in Australia;
- (b) is made in proceedings in an Australian court or tribunal; and
- (c) is made against:
  - (i) all or any of the Liable Entities; or
  - (ii) any member of the James Hardie Group from time to time;
- (d) any claim made under compensation to relatives legislation by a relative of a deceased individual (or personal representative of such a relative) or (where permitted by law) the legal personal representative of a deceased individual in each case where the individual, but for such individual's death, would have been entitled to bring a claim of the kind described in paragraph (a); or
- (e) a Contribution Claim made in relation to a claim described in paragraph (a) or (b)

but excludes all claims covered by a Worker's Compensation Scheme or Policy.

**Proven Claim** means a proven Personal Asbestos Claim in respect of which final judgment has been given against, or a binding settlement has been entered into by, a Former James Hardie Company, to the extent to which that entity incurs liability under that judgment or settlement, or a Proven Marlew Claim.





Statutory Recoveries means any statutory entitlement of the NSW Government or any Other Government or any governmental agency or authority of any such government ("Relevant Body") to impose liability on or to recover an amount or amounts from any person in respect of any payments made or to be made or benefits provided by a Relevant Body in respect of claims (other than as a defendant or in settlement of any claim, including a cross-claim or claim for contribution).

#### Term means the period

(i) from the date on which the principal obligations under the Final

Funding Agreement will commence to 31 March 2045, (ii) as may be extended in accordance with the terms of the Final Funding

Agreement.

Term Central Estimate means the central estimate of the present value (determined using the discount rate used in the relevant Annual Actuarial Report) of the liabilities of the Former James Hardie Companies and Marlew in respect of expected Proven Claims and Claims Legal Costs (in each case reasonably expected to become payable in the relevant period) after allowing for Insurance and Other Recoveries during that period, from and including the day following the end of the Financial Year preceding that Payment Date up to and including the last day of the Term (excluding any automatic or potential extension of the Term, unless or until the Term has been extended).

#### Workers Compensation Scheme or Policy means any of the following:

- (a) any worker's compensation scheme established by any law of the Commonwealth or of any State or Territory;
- (b) any fund established to cover liabilities under insurance policies upon the actual or prospective insolvency of the insurer (including without limitation the Insurer Guarantee Fund established under the Worker's Compensation Act 1987 (NSW)); and
- (c) any policy of insurance issued under or pursuant to such a scheme.

Rule 2.7, 3.10.3, 3.10.4, 3.10.5

# Appendix 3B

## New issue announcement, application for quotation of additional securities and agreement

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 1/7/96. Origin: Appendix 5. Amended 1/7/98, 1/9/99, 1/7/2000, 30/9/2001, 11/3/2002, 1/1/2003, 24/10/2005.

Name of entity	
James Hardie Industries N.V.	
ARBN 097 829 895	
We (the entity) give ASX the following information.	
Part 1 — All issues	
You must complete the relevant sections (attach sheets if there is not enough space).	
1 +Class of +securities issued or to be issued Ordinary shares/CUFS	

- 2 Number of +securities issued or to be issued (if known) or maximum number which may be issued
- Principal terms of the +securities (eg, if options, exercise price and expiry date; if partly paid +securities, the amount outstanding and due dates for payment; if +convertible securities, the conversion price and dates for conversion)

2,500 ordinary shares/CUFS

2,500 ordinary shares/CUFS issues on exercise of options

<sup>+</sup> See chapter 19 for defined terms.

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#### Appendix 3B New issue announcement

4	<ul> <li>Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?</li> <li>If the additional securities do not rank equally, please state: <ul> <li>the date from which they do</li> <li>the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment</li> <li>the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment</li> </ul> </li> </ul>	Yes, rank equally with issued ordinary shares/CUFS	
-			
5	Issue price or consideration	Allotment of shares/CUFS on exercise 2,500 options at A\$5.99 each.	e of
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Exercise of options	
7	Dates of entering +securities into uncertificated holdings or despatch of certificates	15 May 2006	
		Number	+Class
8	Number and +class of all +securities quoted on ASX ( <i>including</i> the securities in clause 2 if applicable)	463,309,011	shares/CUFS
+ See ch	apter 19 for defined terms.		
500 01	upter 17 for defined terms.		

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9	Number and +class of all +securities not quoted on ASX ( <i>including</i> the securities in clause 2 if applicable)	Number 19,505,757 The following options have been cancelled at each exercise price: 10,000 at A\$8.90 each.	+Class Options		
10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	Rank for dividends equally with issued	ordinary shares/CUFS.		
Part 2	Part 2 — Bonus issue or pro rata issue				
11	Is security holder approval required?	Not applicable			
12	Is the issue renounceable or non-renounceable?	Not applicable			
13	Ratio in which the +securities will be offered	Not applicable			
14	+Class of +securities to which the offer relates	Not applicable			
15	+Record date to determine entitlements	Not applicable			
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	Not applicable			
17	Policy for deciding entitlements in relation to fractions	Not applicable			
18	Names of countries in which the entity has +security holders who will not be sent new issue documents	Not applicable			
	Note: Security holders must be told how their entitlements are to be dealt with.				
	Cross reference: rule 7.7.				
19	Closing date for receipt of acceptances or renunciations	Not applicable			
+ See ch	apter 19 for defined terms.				

1/1/2003

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#### Appendix 3B New issue announcement

20	Names of any underwriters	Not applicable
21	Amount of any underwriting fee or commission	Not applicable
22	Names of any brokers to the issue	Not applicable
23	Fee or commission payable to the broker to the issue	Not applicable
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of +security holders	Not applicable
25	If the issue is contingent on +security holders' approval, the date of the meeting	Not applicable
26	Date entitlement and acceptance form and prospectus or Product Disclosure Statement will be sent to persons entitled	Not applicable
27	If the entity has issued options, and the terms entitle option holders to participate on exercise, the date on which notices will be sent to option holders	Not applicable
28	Date rights trading will begin (if applicable)	Not applicable
29	Date rights trading will end (if applicable)	Not applicable
30	How do +security holders sell their entitlements in full through a broker?	Not applicable
31	How do +security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	Not applicable
+ See c	hapter 19 for defined terms.	
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32	How do a broker	+security holders dispose of their entitlements (except by sale through t)?	Not applicable					
33	+Despat	ch date	Not applicable					
Part 3 — Quotation of securities You need only complete this section if you are applying for quotation of securities								
	Type of securities (tick one)							
(a)	X	Securities described in Part 1						
(b)	All other securities							
		Example: restricted securities at the end of the escrowed period, partly paid securities that on expiry or conversion of convertible securities	become fully paid, employee incentive share securities when restriction ends, securities issued					
Entitie	es that l	have ticked box 34(a)						
Additional securities forming a new class of securities								
Tick to indicate you are providing the information or documents								
35		If the +securities are +equity securities, the names of the 20 largest holders of the additional+securities, and the number and percentage of additional +securities held by those holders						
36		If the +securities are +equity securities, a distribution schedule of the addition 11,000 1.001	al+securities setting out the number of holders in the categories					
37		A copy of any trust deed for the additional+securities						
+ See chapter 19 for defined terms.								

1/1/2003

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Entities that have ticked box 34(b)

38	Number of securities for which +quotation is sought		
39	Class of +securities for which quotation is sought		
40	<ul> <li>Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?</li> <li>If the additional securities do not rank equally, please state:</li> <li>the date from which they do</li> <li>the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment</li> <li>the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment</li> </ul>		
41	Reason for request for quotation or increase payment Reason for request for quotation now Example: In the case of restricted securities, end of restriction period (if issued upon conversion of another security, clearly identify that other security)		
42	Number and <sup>+</sup> class of all <sup>+</sup> securities quoted on ASX ( <i>including</i> the securities in clause 38)	Number	+Class
+ See c	hapter 19 for defined terms.		
Appen	dix 3B Page 6		1/1/2003

Quotation agreement

- 1 <sup>+</sup>Quotation of our additional +securities is in ASX's absolute discretion. ASX may quote the+securities on any conditions it decides.
- 2 We warrant the following to ASX.
  - The issue of the +securities to be quoted complies with the law and is not for an illegal purpose.
  - There is no reason why those+securities should not be granted +quotation.
  - An offer of the +securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.

Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty

- Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any +securities to be quoted and that no-one has any right to return any +securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the +securities be quoted.
- If we are a trust, we warrant that no person has the right to return the<sup>+</sup>securities to be quoted under section 1019B of the Corporations Act at the time that we request that the <sup>+</sup>securities be quoted.
- 3 We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
- 4 We give ASX the information and documents required by this form. If any information or document not available now, will give it to ASX before+quotation of the +securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.

Sign here:	/s/Benjamin Butterfield (Director/Company secretary)	Date:	15 May 2006
Print name:	Benjamin Butterfield		

\_\_ \_\_ \_\_ \_\_ \_\_

+ See chapter 19 for defined terms.

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