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 under the Securities Exchange Act of 1934

For the Month of May 2024

1-15240 (Commission File Number)

JAMES HARDIE INDUSTRIES plc

(Translation of registrant's name into English)

1st Floor, Block A One Park Place Upper Hatch Street, Dublin 2, D02, FD79, Ireland (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..X.... 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

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Forward-Looking Statements

This Form 6-K contains forward-looking statements. James Hardie Industries plc (the "company") may from time to time make forward-looking statements in its periodic reports filed with or furnished to the Securities and Exchange Commission, on Forms 20-F and 6-K, in its annual reports to shareholders, in offering circulars, invitation memoranda 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, existing and potential lenders, representatives of the media and others. Statements that are not historical facts are forward-looking statements and such forward-looking statements made pursuant to the Safe Harbor Provisions of the Private Securities Litigation Reform Act of 1995.

Examples of forward-looking statements include:

- statements about the company's future performance;
- projections of the company's results of operations or financial condition;
- statements regarding the company's plans, objectives or goals, including those relating to strategies, initiatives, competition, acquisitions, dispositions and/or its products;
- expectations concerning the costs associated with the suspension or closure of operations at any of the company's plants and future plans with respect to any such plants;
- expectations concerning the costs associated with the significant capital expenditure projects at any of the company's plants and future plans with respect to any such projects;
- expectations regarding the extension or renewal of the company's credit facilities including changes to terms, covenants or ratios;
- expectations concerning dividend payments and share buy-backs;
- statements concerning the company's corporate and tax domiciles and structures and potential changes to them, including potential tax charges;
- statements regarding tax liabilities and related audits, reviews and proceedings;
- statements regarding the possible consequences and/or potential outcome of legal proceedings brought against us and the potential liabilities, if any, associated with such proceedings;
- expectations about the timing and amount of contributions to AICF, a special purpose fund for the compensation of proven Australian asbestos-related personal injury and death claims;
- · expectations concerning the adequacy of the company's warranty provisions and estimates for future warranty-related costs;
- statements regarding the company's ability to manage legal and regulatory matters (including but not limited to product liability, environmental, intellectual
 property and competition law matters) and to resolve any such pending legal and regulatory matters within current estimates and in anticipation of certain thirdparty recoveries; and
- statements about economic or housing market conditions in the regions in which we operate, including but not limited to, the levels of new home construction and home renovations, unemployment levels, changes in consumer income, changes or stability in housing values, the availability of mortgages and other financing, mortgage and other interest rates, housing affordability and supply, the levels of foreclosures and home resales, currency exchange rates, and builder and consumer confidence.

Words such as "believe," "anticipate," "plan," "expect," "intend," "target," "estimate," "project," "predict," "forecast," "guideline," "aim," "will," "should," "likely," "continue," "may," "objective," "outlook" and similar expressions are intended to identify forward-looking statements but are not the exclusive means of identifying such statements. Readers are cautioned not to place undue reliance on these forward-looking statements and all such forward-looking statements are qualified in their entirety by reference to the following cautionary statements.



Forward-looking statements are based on the Company's current expectations, estimates and assumptions and because forward-looking statements address future results, events and conditions, they, by their very nature, involve inherent risks and uncertainties, many of which are unforeseeable and beyond the Company's control. Such known and unknown risks, uncertainties and other factors may cause actual results, performance or other achievements to differ materially from the anticipated results, performance or achievements expressed, projected or implied by these forward-looking statements. These factors, some of which are discussed under "Risk Factors" in Section 3 of the Form 20-F filed with the Securities and Exchange Commission on 20 May 2024, include, but are not limited to: all matters relating to or arising out of the prior manufacture of products that contained asbestos by current and former Company subsidiaries; required contributions to AICF, any shortfall in AICF funding and the effect of currency exchange rate movements on the amount recorded in the Company's financial statements as an asbestos liability; 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, putative consumer class action or other legal proceedings; general economic and market conditions; the supply and cost of raw materials; possible increases in competition and the potential that competitors could copy the Company's products; compliance with and changes in environmental and health and safety laws; risks of conducting business internationally; compliance with and changes in laws and regulations; currency exchange risks; dependence on customer preference and the concentration of the Company's customer base; dependence on residential and commercial construction markets; the effect of adverse changes in climate or weather patterns; use of accounting estimates; and all other risks identified in the Company's reports filed with Australian, Irish and US securities regulatory agencies and exchanges (as appropriate). The Company cautions you that the foregoing list of factors is not exhaustive and that other risks and uncertainties may cause actual results to differ materially from those referenced in the Company's forward-looking statements. Forward-looking statements speak only as of the date they are made and are statements of the Company's current expectations concerning future results, events and conditions. The Company assumes no obligation to update any forward-looking statements or information except as required by law.

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EXHIBIT INDEX

Exhibit No.	Description
<u>99.1</u>	Change in substantial holding
<u>99.2</u>	Update - Notification of buy-back - JHX
<u>99.3</u>	Change in substantial holding
<u>99.4</u>	Update - Notification of buy-back - JHX
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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: 31 May 2024

James Hardie Industries plc By: /s/ Aoife Rockett

Aoife Rockett Company Secretary

EXHIBIT INDEX

Exhibit No.	Description
<u>99.1</u>	Change in substantial holding
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James Hardie Industries plc 1st Floor, Block A, One Park Place, Upper Hatch Street, Dublin 2, D02 FD79, Ireland

T: +353 (0) 1 411 6924 F: +353 (0) 1 479 1128

21 May 2024

The Manager Company Announcements Office Australian Securities Exchange Limited 20 Bridge Street SYDNEY NSW 2000

Dear Sir/Madam

Substantial Holding Notice

As required under ASX Listing Rule 3.17.3 please see attached copy of the substantial holding notice received by James Hardie on 20 May 2024.

Regards

auge Rockett

Aoife Rockett Company Secretary

This announcement has been authorised for release by the Company Secretary, Ms Aoife Rockett.

1st Floor, Block A, One Park Place, Upper Hatch Street, Dublin 2, D02 FD79, Ireland. **Directors:** Anne Lloyd (Chairperson, USA), Peter-John Davis (Aus), Persio Lisboa (USA), Renee Peterson (USA), John Pfeifer (USA), Rada Rodriguez (Sweden), Suzanne B. Rowland (USA), Nigel Stein (UK), Harold Wiens (USA). **Chief Executive Officer and Director:** Aaron Erter (USA) **Company number:** 485719 **ARBN:** 097 829 895

STANDARD FORM TR-1

Voting rights attached to shares– Article 12(1) of directive 2004/109/EC Financial instruments – Article 11(3) of the Commission Directive 2007/14/EC i

1. Identity of the issuer or the underlying issuer of existing shares to which voting rights are attached ⁱⁱ:

JAMES HARDIE INDUSTRIES PLC

2. Reason for the notification (please tick the appropriate box or boxes):

[X] an acquisition or disposal of voting rights

[] an acquisition or disposal of financial instruments which may result in the acquisition of shares already issued to which voting rights are attached

[] an event changing the breakdown of voting rights

3. Full name of person(s) subject to the notification obligationⁱⁱⁱ:

BlackRock, Inc.

4. Full name of shareholder(s) (if different from 3.)^{iv}:

See Section 9

5. Date of the transaction and date on which the threshold is crossed or reached^v:

17/05/2024

- 6. Date on which issuer notified: 20/05/2024
- 7. Threshold(s) that is/are crossed or reached:

Holdings for BlackRock, Inc. have gone above 6%.

8. Notified details:

Class/type of shares (if	evious to the ansaction ^{vi}	Resulting sit	ituation after the triggering transa			n ^{viiviii}	
possible using the ISIN CODE)	Number of Number Shares ^{ix} Voting	CD::::::::::::::::::::::::::::::::::::		Number of voting rights ^{xii}		% of voting rights	
		rights ^x	Direct	Direct xiii	Indirect ^{xiv}	Direct	Indirect
AU000000JHX1	N/A	25,235,331	N/A	N/A	25,278,408	N/A	5.82%
SUBTOTAL A (based on				25,278,4	08	5.82%	1

aggregate voting			
rights)			

Resulting situation after the triggering transaction ^{xv}						
Type of financial instrument	Expiration Date ^{xvi}	Exercise/Conversion Period/ Date ^{xvii}	Number of voting rights that may be acquired if the instrument is exercised/converted	% of voting rights		
American Depository Receipts	N/A	N/A	749,657	0.17%		
		SUBTOTAL B (in relation to all expiration dates)	749,657	0.17%		

Total (A+B)	number of voting rights	% of voting rights
26,028,065	26,028,065	6.00%

9. Chain of controlled undertakings through which the voting rights and/or the financial instruments are effectively held, if applicable^{xviii}:

Each of the following entities, which are wholly owned subsidiaries of BlackRock, Inc., hold the following interests in voting rights in their capacity as Investment Manager on behalf of clients:

Investment Manager	Voting Rights	%
BlackRock Fund Advisors	7,738,760	1.78%
BlackRock Institutional Trust Company, National Association	5,925,365	1.36%
BlackRock Investment Management (Australia) Limited	3,847,057	0.88%
BlackRock Advisors (UK) Limited	2,945,216	0.67%
BlackRock Investment Management (UK) Limited	1,339,581	0.30%
BlackRock Japan Co., Ltd.	868,663	0.20%

BlackRock Advisors, LLC	750,013	0.17%
BlackRock Financial Management, Inc.	500,486	0.11%
BlackRock Asset Management Canada Limited	466,176	0.10%
BlackRock Investment Management, LLC	337,248	0.07%
Aperio Group, LLC	240,492	0.05%
BlackRock (Singapore) Limited	183,588	0.04%
BlackRock Capital Management, Inc.	79,772	0.01%
BlackRock International Limited	48,548	0.01%
BlackRock Asset Management North Asia Limited	7,443	0.00%

10. In case of proxy voting: [*name of the proxy holder*] will cease to hold [*number*] voting rights as of [*date*].

11. Additional information:

Done at 12 Throgmorton Avenue, London, EC2N 2DL, U.K. on 20 May 2024

Announcement Summary

Name of entity

JAMES HARDIE INDUSTRIES PLC

Announcement type

Update announcement

Type of update Daily buy-back notification Date of this announcement

24/5/2024

Reason for update

Daily buy-back notification

ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1

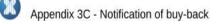
The type of buy-back is: On market buy-back Total number of +securities bought back before previous day

4,242,403

Total number of +securities bought back on previous day

125,000

Refer to next page for full details of the announcement



Part 1 - Entity and announcement details

1.1 Name of entity JAMES HARDIE INDUSTRIES PLC We (the entity named above) provide the following information about our buy-back. 1.2 Registration number type Registration number ARBN 097829895 1.3 ASX issuer code JHX 1.4 The announcement is Update/amendment to previous announcement 1.4a Type of update Daily buy-back notification 1.4b Reason for update Daily buy-back notification 1.4c Date of initial notification of buy-back 9/11/2023 1.4d Date of previous announcement to this update 22/3/2024 1.5 Date of this announcement 24/5/2024 1.6 ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1

Appendix 3C - Notification of buy-back



Part 2 - Type of buy-back

2.1 The type of buy-back is: On market buy-back Appendix 3C - Notification of buy-back

Part 3 - Buy-back details

Part 3A - Details of +securities, price and reason

3A.1 Total number of +securities on issue in the class of +securities to be bought back

437,772,838

3A.4 Does the entity intend to buy back a minimum number of +securities No

3A.5 Does the entity intend to buy back a maximum number of securities Yes

3A.5a Maximum number of securities proposed to be bought back

8,276,390

3A.6 Name of broker or brokers who will offer to buy back +securities on the entity's behalf

Broker name:

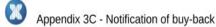
Barrenjoey Markets Pty Limited

3A.9 Are the +securities being bought back for a cash consideration? Yes
3A.9a Is the price to be paid for +securities bought back known? No
3A.9a.1 In what currency will the buy-back consideration be paid?
AUD - Australian Dollar

Part 3B - Buy-back restrictions and conditions

3B.1 Does the buy-back require security holder approval? No

Appendix 3C - Notification of buy-back



Part 3C - Key dates

On-market buy-back 3C.2 Proposed buy-back start date 13/11/2023

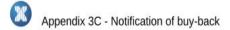
3C.3 Proposed buy-back end date 31/10/2024

Part 3D - Other Information

3D.1 Any other information the entity wishes to notify to ASX about the buy-back

Based on a closing market price on ASX of A\$46.97 on 8 November 2023 (being the business day immediately prior to the date of this notice) and an A\$/US\$ exchange rate of 0.6431 (being the applicable spot rate on the same date) this would equate to a maximum of 8,276,390 ordinary shares/CUFS. However, the final maximum number of shares/CUFS will depend on market price and exchange rate movements over the buy-back period.

Appendix 3C - Notification of buy-back



Part 4 - Daily buy-back notification

A daily buy-back notification must be submitted for Employee share scheme, On-market, Equal access share scheme and Other buy-backs at least half an hour before the commencement of trading on the +business day after any day on which +securities are bought back (per listing rule 3.8A)

Please verify if the pre-populated values are accurate as they are only indicative based on previous online submissions. The pre-populated values may not be accurate if previous online submissions are still in-flight or in case of announcements made via a MS Word form.

Whilst you may over-ride a pre-populated value, once over-ridden it will not be possible to retrieve the previously pre-populated value.

4.1 Date of this notification

24/5/2024

4.2 Previous day on which +securities were bought back

23/5/2024

	Before previous day	On previous day
4.3 Total number of +securities bought back, or in relation to which acceptances have been received	4,242,403	125,000
4.4 Total consideration paid or payable for the +securities	AUD 228,100,976.13000	AUD 5,982,911.02000
4.5 Highest price paid	AUD 63.09000000	AUD 48.58000000
	Date highest price was paid: 8/3/2024	
4.6 Lowest price paid	AUD 45.74000000	AUD 45.97000000
	Date lowest price was paid:	
	14/11/2023	

4.7 Highest price allowed to be paid by entity on the previous day under listing rule 7.33:

AUD 52.30000000

4.8 If the entity has disclosed an intention to buy back a maximum number of +securities, the remaining number of +securities to be bought back as at the end of the previous day

3,908,987

Appendix 3C - Notification of buy-back



James Hardie Industries plc 1st Floor, Block A, One Park Place, Upper Hatch Street, Dublin 2, D02 FD79, Ireland

T: +353 (0) 1 411 6924 F: +353 (0) 1 479 1128

24 May 2024

The Manager Company Announcements Office Australian Securities Exchange Limited 20 Bridge Street SYDNEY NSW 2000

Dear Sir/Madam

Substantial Holding Notice

As required under ASX Listing Rule 3.17.3 please see attached copy of the substantial holding notice received by James Hardie on 23 May 2024.

Regards

ande Rockett

Aoife Rockett Company Secretary

This announcement has been authorised for release by the Company Secretary, Ms Aoife Rockett.

1st Floor, Block A, One Park Place, Upper Hatch Street, Dublin 2, D02 FD79, Ireland. **Directors:** Anne Lloyd (Chairperson, USA), Peter-John Davis (Aus), Persio Lisboa (USA), Renee Peterson (USA), John Pfeifer (USA), Rada Rodriguez (Sweden), Suzanne B. Rowland (USA), Nigel Stein (UK), Harold Wiens (USA). **Chief Executive Officer and Director:** Aaron Erter (USA) **Company number:** 485719 **ARBN:** 097 829 895

STANDARD FORM TR-1

Voting rights attached to shares– Article 12(1) of directive 2004/109/EC Financial instruments – Article 11(3) of the Commission Directive 2007/14/EC i

1. Identity of the issuer or the underlying issuer of existing shares to which voting rights are attached ⁱⁱ:

JAMES HARDIE INDUSTRIES PLC

2. Reason for the notification (please tick the appropriate box or boxes):

[X] an acquisition or disposal of voting rights

[X] an acquisition or disposal of financial instruments which may result in the acquisition of shares already issued to which voting rights are attached

[] an event changing the breakdown of voting rights

3. Full name of person(s) subject to the notification obligationⁱⁱⁱ:

BlackRock, Inc.

4. Full name of shareholder(s) (if different from 3.)^{iv}:

See Section 9

5. Date of the transaction and date on which the threshold is crossed or reached^v:

22/05/2024

- 6. Date on which issuer notified: 23/05/2024
- 7. Threshold(s) that is/are crossed or reached:

Holdings for BlackRock, Inc. have gone below 6%.

8. Notified details:

Class/type of Situation pressures (if Triggering tra		evious to the ansaction ^{vi}	Resulting sit	ituation after the triggering transaction ^{viivi}			
possible using the ISIN CODE)	12422 32	100 100 100 100 100 100 100 100 100 100	Number of shares ^{xi}	Number of voting rights ^{xii}		% of voting rights	
		rights ^x	Direct	Direct xiii	Indirect ^{xiv}	Direct	Indirect
AU000000JHX1	N/A	25,278,408	N/A	N/A	25,244,645	N/A	5.81%
SUBTOTAL A (based on				25,244,6	45	5.81%	1

aggregate voting			
rights)			

Resulting situation after the triggering transaction ^{xv}						
Type of financial instrument	Expiration Date ^{xvi}	Exercise/Conversion Period/ Date ^{xvii}	Number of voting rights that may be acquired if the instrument is exercised/converted	% of voting rights		
American Depository Receipts	N/A	N/A	748,409	0.17%		
		SUBTOTAL B (in relation to all expiration dates)	748,409	0.17%		

Total (A+B)	number of voting rights	% of voting rights
25,993,054	25,993,054	5.99%

9. Chain of controlled undertakings through which the voting rights and/or the financial instruments are effectively held, if applicable^{xviii}:

Each of the following entities, which are wholly owned subsidiaries of BlackRock, Inc., hold the following interests in voting rights in their capacity as Investment Manager on behalf of clients:

Investment Manager	Voting Rights	%
BlackRock Fund Advisors	7,750,050	1.78%
BlackRock Institutional Trust Company, National Association	5,921,863	1.36%
BlackRock Investment Management (Australia) Limited	3,811,888	0.87%
BlackRock Advisors (UK) Limited	2,947,392	0.67%
BlackRock Investment Management (UK) Limited	1,341,095	0.30%
BlackRock Japan Co., Ltd.	868,663	0.20%

BlackRock Advisors, LLC	742,647	0.17%
BlackRock Financial Management, Inc.	496,345	0.11%
BlackRock Asset Management Canada Limited	466,154	0.10%
BlackRock Investment Management, LLC	337,248	0.07%
Aperio Group, LLC	240,492	0.05%
BlackRock (Singapore) Limited	183,588	0.04%
BlackRock Capital Management, Inc.	79,772	0.01%
BlackRock International Limited	50,005	0.01%
BlackRock Asset Management North Asia Limited	7,443	0.00%

10. In case of proxy voting: [*name of the proxy holder*] will cease to hold [*number*] voting rights as of [*date*].

11. Additional information:

Done at 12 Throgmorton Avenue, London, EC2N 2DL, U.K. on 23 May 2024

Announcement Summary

Name of entity

JAMES HARDIE INDUSTRIES PLC

Announcement type

Update announcement

Type of update Daily buy-back notification Date of this announcement

25/5/2024

Reason for update

Daily buy-back notification

ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1

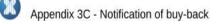
The type of buy-back is: On market buy-back Total number of +securities bought back before previous day

4,367,403

Total number of +securities bought back on previous day

125,000

Refer to next page for full details of the announcement



Part 1 - Entity and announcement details

1.1 Name of entity JAMES HARDIE INDUSTRIES PLC We (the entity named above) provide the following information about our buy-back. 1.2 Registration number type Registration number ARBN 097829895 1.3 ASX issuer code JHX 1.4 The announcement is Update/amendment to previous announcement 1.4a Type of update Daily buy-back notification 1.4b Reason for update Daily buy-back notification 1.4c Date of initial notification of buy-back 9/11/2023 1.4d Date of previous announcement to this update 24/5/2024 1.5 Date of this announcement 25/5/2024 1.6 ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1



Part 2 - Type of buy-back

2.1 The type of buy-back is: On market buy-back

Part 3 - Buy-back details

Part 3A - Details of +securities, price and reason

3A.1 Total number of +securities on issue in the class of +securities to be bought back

437,772,838

3A.4 Does the entity intend to buy back a minimum number of +securities No

3A.5 Does the entity intend to buy back a maximum number of securities Yes

3A.5a Maximum number of securities proposed to be bought back

8,276,390

3A.6 Name of broker or brokers who will offer to buy back +securities on the entity's behalf

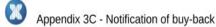
Broker name:

Barrenjoey Markets Pty Limited

3A.9 Are the +securities being bought back for a cash consideration? Yes
3A.9a Is the price to be paid for +securities bought back known? No
3A.9a.1 In what currency will the buy-back consideration be paid?
AUD - Australian Dollar

Part 3B - Buy-back restrictions and conditions

3B.1 Does the buy-back require security holder approval? No



Part 3C - Key dates

On-market buy-back 3C.2 Proposed buy-back start date 13/11/2023

3C.3 Proposed buy-back end date 31/10/2024

Part 3D - Other Information

3D.1 Any other information the entity wishes to notify to ASX about the buy-back

Based on a closing market price on ASX of A\$46.97 on 8 November 2023 (being the business day immediately prior to the date of this notice) and an A\$/US\$ exchange rate of 0.6431 (being the applicable spot rate on the same date) this would equate to a maximum of 8,276,390 ordinary shares/CUFS. However, the final maximum number of shares/CUFS will depend on market price and exchange rate movements over the buy-back period.



Part 4 - Daily buy-back notification

A daily buy-back notification must be submitted for Employee share scheme, On-market, Equal access share scheme and Other buy-backs at least half an hour before the commencement of trading on the +business day after any day on which +securities are bought back (per listing rule 3.8A)

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Whilst you may over-ride a pre-populated value, once over-ridden it will not be possible to retrieve the previously pre-populated value.

4.1 Date of this notification

27/5/2024

4.2 Previous day on which +securities were bought back

24/5/2024

	Before previous day	On previous day
4.3 Total number of +securities bought back, or in relation to which acceptances have been received	4,367,403	125,000
4.4 Total consideration paid or payable for the +securities	AUD 234,083,887.15000	AUD 5,930,081.36000
4.5 Highest price paid	AUD 63.09000000	AUD 48.45000000
	Date highest price was paid: 8/3/2024	
4.6 Lowest price paid	AUD 45.74000000	AUD 47.11000000
	Date lowest price was paid:	
	14/11/2023	

4.7 Highest price allowed to be paid by entity on the previous day under listing rule 7.33:

AUD 51.20000000

4.8 If the entity has disclosed an intention to buy back a maximum number of +securities, the remaining number of +securities to be bought back as at the end of the previous day

3,783,987

Exhibit 99.5



James Hardie Industries plc 1st Floor, Block A, One Park Place, Upper Hatch Street, Dublin 2, D02 FD79, Ireland

T: +353 (0) 1 411 6924 F: +353 (0) 1 479 1128

27 May 2024

The Manager Company Announcements Office Australian Securities Exchange Limited 20 Bridge Street SYDNEY NSW 2000

Dear Sir/Madam

Substantial Holding Notice

As required under ASX Listing Rule 3.17.3 please see attached copy of the substantial holding notice received by James Hardie on 24 May 2024.

Regards

aufe Rockett

Aoife Rockett Company Secretary

This announcement has been authorised for release by the Company Secretary, Ms Aoife Rockett.

1st Floor, Block A, One Park Place, Upper Hatch Street, Dublin 2, D02 FD79, Ireland. **Directors:** Anne Lloyd (Chairperson, USA), Peter-John Davis (Aus), Persio Lisboa (USA), Renee Peterson (USA), John Pfeifer (USA), Rada Rodriguez (Sweden), Suzanne B. Rowland (USA), Nigel Stein (UK), Harold Wiens (USA). **Chief Executive Officer and Director:** Aaron Erter (USA) **Company number:** 485719 **ARBN:** 097 829 895



Level 2, 5 Martin Place Sydney NSW 2000 Australia GPO Box 3698 Sydney NSW 2001

challenger.com.au

Telephone 02 9994 7000

24 May 2024

Aoife Rockett Group Company Secretary James Hardie Industries plc Europa House, 2nd Floor Harcourt Centre Harcourt Street Dublin 2, Ireland

By email: Aoife.Rockett@jameshardie.com, investor.relations@jameshardie.com.au

Notification of change in disclosable interest under the Companies Act 2014

This notification is given in fulfillment of the duty imposed pursuant to Section 1048 and/or Section 1050 of the Companies Act 2014.

Challenger Limited on behalf of its subsidiary Fidante Partners Limited (Challenger Companies) has a relevant share capital holding (as defined in Section 1047 of the Companies Act 2014) in James Hardie Industries PLC (JHX) which requires disclosure under Section 1048 and/or Section 1050 of the Companies Act 2014 as first notified to JHX on 23 October 2018.

On 21 May 2024, there was a change in the share capital held by the Challenger Companies such that the shareholding increased through a percentage point, with the Challenger Companies having an aggregated interest in JHX of 4.0410% of ordinary share capital (being an increase from 3.9550%) which is held as set out in Part 1 of Schedule 1 to this letter.

On 22 May 2024, there was a further change in the share capital held by the Challenger Companies such that the shareholding decreased through a percentage point, with the Challenger Companies now having an aggregated interest in JHX of 3.9071% which is held as set on in Part 2 of Schedule 1 of this letter.

If you have any questions in relation to the above, please contact me at +612 9994 7000.

Kind regards

Natthews

Linda Matthews Company Secretary Challenger Limited

= challenger.com.au



Schedule 1

Part 1

Registered Holder	Number of Chess Depository Interests	Held %
J. P. Morgan Nominees Australia Pty Limited	6,011,904	1.3859%
Citicorp Nominees Pty Limited	5,076,866	1.1704%
National Nominees Limited	519,545	0.1198%
HSBC Custody Nominees (Australia) Limited	5,676,183	1.3085%
BNP Paribas Nominees Pty Limited	176,901	0.0408%
UBS Nominees Pty Limited	67,655	0.0156%
		4.04400/

4.0410%

Part 2

Registered Holder	Number of Chess Depository Interests	Held %
J. P. Morgan Nominees Australia Pty Limited	5,740,138	1.3233
Citicorp Nominees Pty Limited	4,907,949	1.1314
National Nominees Limited	494,272	0.1139
HSBC Custody Nominees (Australia) Limited	5,583,529	1.2872
BNP Paribas Nominees Pty Limited	154,662	0.0357
UBS Nominees Pty Limited	67,655	0.0156

3.9071%

challenger.com.au

Announcement Summary

Name of entity

JAMES HARDIE INDUSTRIES PLC

Announcement type

Update announcement

Type of update Daily buy-back notification Date of this announcement

28/5/2024

Reason for update

Daily buy-back notification

ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1

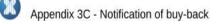
The type of buy-back is: On market buy-back Total number of +securities bought back before previous day

4,492,403

Total number of +securities bought back on previous day

125,000

Refer to next page for full details of the announcement



Part 1 - Entity and announcement details

1.1 Name of entity JAMES HARDIE INDUSTRIES PLC We (the entity named above) provide the following information about our buy-back. 1.2 Registration number type Registration number ARBN 097829895 1.3 ASX issuer code JHX 1.4 The announcement is Update/amendment to previous announcement 1.4a Type of update Daily buy-back notification 1.4b Reason for update Daily buy-back notification 1.4c Date of initial notification of buy-back 9/11/2023 1.4d Date of previous announcement to this update 25/5/2024 1.5 Date of this announcement 28/5/2024 1.6 ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1



Part 2 - Type of buy-back

2.1 The type of buy-back is: On market buy-back

Part 3 - Buy-back details

Part 3A - Details of +securities, price and reason

3A.1 Total number of +securities on issue in the class of +securities to be bought back

437,772,838

3A.4 Does the entity intend to buy back a minimum number of +securities No

3A.5 Does the entity intend to buy back a maximum number of securities Yes

3A.5a Maximum number of securities proposed to be bought back

8,276,390

3A.6 Name of broker or brokers who will offer to buy back +securities on the entity's behalf

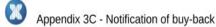
Broker name:

Barrenjoey Markets Pty Limited

3A.9 Are the +securities being bought back for a cash consideration? Yes
3A.9a Is the price to be paid for +securities bought back known? No
3A.9a.1 In what currency will the buy-back consideration be paid?
AUD - Australian Dollar

Part 3B - Buy-back restrictions and conditions

3B.1 Does the buy-back require security holder approval? No



Part 3C - Key dates

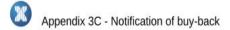
On-market buy-back 3C.2 Proposed buy-back start date 13/11/2023

3C.3 Proposed buy-back end date 31/10/2024

Part 3D - Other Information

3D.1 Any other information the entity wishes to notify to ASX about the buy-back

Based on a closing market price on ASX of A\$46.97 on 8 November 2023 (being the business day immediately prior to the date of this notice) and an A\$/US\$ exchange rate of 0.6431 (being the applicable spot rate on the same date) this would equate to a maximum of 8,276,390 ordinary shares/CUFS. However, the final maximum number of shares/CUFS will depend on market price and exchange rate movements over the buy-back period.



Part 4 - Daily buy-back notification

A daily buy-back notification must be submitted for Employee share scheme, On-market, Equal access share scheme and Other buy-backs at least half an hour before the commencement of trading on the +business day after any day on which +securities are bought back (per listing rule 3.8A)

Please verify if the pre-populated values are accurate as they are only indicative based on previous online submissions. The pre-populated values may not be accurate if previous online submissions are still in-flight or in case of announcements made via a MS Word form.

Whilst you may over-ride a pre-populated value, once over-ridden it will not be possible to retrieve the previously pre-populated value.

4.1 Date of this notification

28/5/2024

4.2 Previous day on which +securities were bought back

27/5/2024

	Before previous day	On previous day
4.3 Total number of +securities bought back, or in relation to which acceptances have been received	4,492,403	125,000
4.4 Total consideration paid or payable for the +securities	AUD 240,013,968.51000	AUD 5,942,984.10000
4.5 Highest price paid	AUD 63.09000000	AUD 48.17000000
	Date highest price was paid: 8/3/2024	
4.6 Lowest price paid	AUD 45.74000000	AUD 47.24000000
	Date lowest price was paid:	
	14/11/2023	

4.7 Highest price allowed to be paid by entity on the previous day under listing rule 7.33:

AUD 50.67000000

4.8 If the entity has disclosed an intention to buy back a maximum number of +securities, the remaining number of +securities to be bought back as at the end of the previous day

3,658,987

Announcement Summary

Name of entity

JAMES HARDIE INDUSTRIES PLC

Announcement type

Update announcement

Type of update Daily buy-back notification Date of this announcement

29/5/2024

Reason for update

Daily buy-back notification

ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1

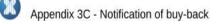
The type of buy-back is: On market buy-back Total number of +securities bought back before previous day

4,617,403

Total number of +securities bought back on previous day

125,000

Refer to next page for full details of the announcement



Part 1 - Entity and announcement details

1.1 Name of entity JAMES HARDIE INDUSTRIES PLC We (the entity named above) provide the following information about our buy-back. 1.2 Registration number type Registration number ARBN 097829895 1.3 ASX issuer code JHX 1.4 The announcement is Update/amendment to previous announcement 1.4a Type of update Daily buy-back notification 1.4b Reason for update Daily buy-back notification 1.4c Date of initial notification of buy-back 9/11/2023 1.4d Date of previous announcement to this update 28/5/2024 1.5 Date of this announcement 29/5/2024 1.6 ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1



Part 2 - Type of buy-back

2.1 The type of buy-back is: On market buy-back

Part 3 - Buy-back details

Part 3A - Details of +securities, price and reason

3A.1 Total number of +securities on issue in the class of +securities to be bought back

437,772,838

3A.4 Does the entity intend to buy back a minimum number of +securities No

3A.5 Does the entity intend to buy back a maximum number of securities Yes

3A.5a Maximum number of securities proposed to be bought back

8,276,390

3A.6 Name of broker or brokers who will offer to buy back +securities on the entity's behalf

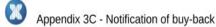
Broker name:

Barrenjoey Markets Pty Limited

3A.9 Are the +securities being bought back for a cash consideration? Yes
3A.9a Is the price to be paid for +securities bought back known? No
3A.9a.1 In what currency will the buy-back consideration be paid?
AUD - Australian Dollar

Part 3B - Buy-back restrictions and conditions

3B.1 Does the buy-back require security holder approval? No



Part 3C - Key dates

On-market buy-back 3C.2 Proposed buy-back start date 13/11/2023

3C.3 Proposed buy-back end date 31/10/2024

Part 3D - Other Information

3D.1 Any other information the entity wishes to notify to ASX about the buy-back

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4.1 Date of this notification

29/5/2024

4.2 Previous day on which +securities were bought back

28/5/2024

	Before previous day	On previous day
4.3 Total number of +securities bought back, or in relation to which acceptances have been received	4,617,403	125,000
4.4 Total consideration paid or payable for the +securities	AUD 245,956,952.61000	AUD 5,951,052.21000
4.5 Highest price paid	AUD 63.09000000	AUD 47.99000000
	Date highest price was paid: 8/3/2024	
4.6 Lowest price paid	AUD 45.74000000	AUD 47.05000000
	Date lowest price was paid:	
	14/11/2023	

4.7 Highest price allowed to be paid by entity on the previous day under listing rule 7.33:

AUD 50.21000000

4.8 If the entity has disclosed an intention to buy back a maximum number of +securities, the remaining number of +securities to be bought back as at the end of the previous day

3,533,987

Announcement Summary

Name of entity

JAMES HARDIE INDUSTRIES PLC

Announcement type

Update announcement

Type of update Daily buy-back notification Date of this announcement

30/5/2024

Reason for update

Daily buy-back notification

ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1

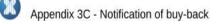
The type of buy-back is: On market buy-back Total number of +securities bought back before previous day

4,742,403

Total number of +securities bought back on previous day

125,000

Refer to next page for full details of the announcement



Part 1 - Entity and announcement details

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JHX : CHESS DEPOSITARY INTERESTS 1:1



Part 2 - Type of buy-back

2.1 The type of buy-back is: On market buy-back

Part 3 - Buy-back details

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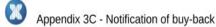
Broker name:

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3A.9a.1 In what currency will the buy-back consideration be paid?
AUD - Australian Dollar

Part 3B - Buy-back restrictions and conditions

3B.1 Does the buy-back require security holder approval? No



Part 3C - Key dates

On-market buy-back 3C.2 Proposed buy-back start date 13/11/2023

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30/5/2024

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29/5/2024

	Before previous day	On previous day
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4.5 Highest price paid	AUD 63.09000000	AUD 47.13000000
	Date highest price was paid: 8/3/2024	
4.6 Lowest price paid	AUD 45.74000000	AUD 45.93000000
	Date lowest price was paid:	
	14/11/2023	

4.7 Highest price allowed to be paid by entity on the previous day under listing rule 7.33:

AUD 49.90000000

4.8 If the entity has disclosed an intention to buy back a maximum number of +securities, the remaining number of +securities to be bought back as at the end of the previous day

3,408,987