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 December 2017

1-15240 (Commission File Number)

JAMES HARDIE INDUSTRIES plc

(Translation of registrant's name into English)

Europa House, Second Floor Harcourt Centre Harcourt Street, Dublin 2, 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

TABLE OF CONTENTS

Forward Looking Statements		3
Exhibit Index		5
<u>Signatures</u>		6
	2	

Forward-Looking Statements

This Form 6-K contains forward-looking statements. 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 are 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-
- 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 Asbestos Injuries Compensation Fund (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 third-party
 recoveries; and
- statements about economic conditions, such as changes in the US economic or housing recovery or changes in the market conditions in the Asia Pacific region, 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 18 May 2017, 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 and the effect of currency exchange rate movements on the amount recorded in the Company's financial statements as an asbestos liability; the continuation or termination of the governmental loan facility to AICF; 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; reliance on a small number of customers; a customer's inability to pay; 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 residential and commercial construction markets; the effect of adverse changes in climate or weather pat

businesses and business segments; changes in the Company's key management personnel; inherent limitations on internal controls; 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.

EXHIBIT INDEX

Exhibit No. Description

<u>99.1</u> Appendix 3B 11 December 2017

99.2 Substantial Shareholder Notification 11 December 2017

SIGNATURES

Date:

12 December 2017

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.

James Hardie Industries plc

By: /s/ Natasha Mercer

Natasha Mercer Company Secretary

EXHIBIT INDEX

Exhibit No. Description

<u>99.1</u> Appendix 3B 11 December 2017

99.2 Substantial Shareholder Notification 11 December 2017

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 01/07/96 Origin: Appendix 5 Amended 01/07/98, 01/09/99, 01/07/00, 30/09/01, 11/03/02, 01/01/03, 24/10/05, 01/08/12, 04/03/13

Name of	Name of entity			
James H	James Hardie Industries plc			
ABN				
097 829	895 Incorporated in Ireland. The liability of members is	limited.		
Part 1	entity) give ASX the following information. All issues complete the relevant sections (attach sheets if there is not expected).	enough space).		
1	*Class of *securities issued or to be issued	Two separate issuances:		
		A) Ordinary shares/CDIs issued on vesting of Restricted Stock Units (RSUs); and		
		B) RSUs, being contractual entitlements granted to employees under the James Hardie Industries 2001 Equity Incentive Plan (2001 Plan) to be issued ordinary shares/CDIs upon satisfaction of certain conditions.		

+ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 1

Number of *securities issued or to be issued (if known) or maximum number which may be issued

Total of 567,407 securities, broken down as follows:

- A) RSUs vesting: 237,480 ordinary shares/CDIs; and
- B) RSUs granted on 9 December 2017 (US time): 329,927.
- Principal terms of the *securities (e.g. 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)
- A) RSUs vesting: 237,480 ordinary shares/CDIs issued on vesting of RSUs; and
- B) 329,927 RSUs which will vest as follows:

Quantity Vest Date

82,482

9 Dec 2018

82,482 9 Dec 2019

164,963 9 Dec 2020

Upon vesting, the holder of a RSU will be entitled to be issued one ordinary share/CDI for each RSU held.

- Do the *securities rank equally in all respects from the *issue date with an existing *class of quoted *securities?
 - If the additional *securities do not rank equally, please state:
 - · the date from which they do
 - the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment
 - the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment

- A) Yes, ordinary shares/CDIs issued on vesting of RSUs rank equally with issued ordinary shares/CDIs; and
- B) RSUs granted: Not applicable.

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 2

5	Issue price or consideration	A) 237,480 RSUs vesting: No amount payable; and
		B) RSUs granted: No cash consideration was paid.
6	Purpose of the issue	A) Vesting of RSUs: 237,480 RSUs vesting pursuant to the 2001 Plan; and
	(If issued as consideration for the acquisition of assets, clearly identify those assets)	and
		B) RSUs granted: 329,927 RSUs granted as awards under the 2001 Plan and intended to promote the Company's long term financial interests by encouraging management to acquire an ownership position in the Company, aligning their interests with those of the Company's security holders.
		_
6a	Is the entity an *eligible entity that has obtained security holder approval under rule 7.1A?	No. Equity securities issued under the 2001 Plan are no longer the subject of security holder approval.
	If Yes, complete sections $6b-6h$ in relation to the *securities the subject of this Appendix $3B$, and comply with section $6i$	
6b	The date the security holder resolution under rule 7.1A was passed	Not applicable
6c	Number of *securities issued without security holder approval under rule 7.1	567,407
6d	Number of *securities issued with security holder approval under rule 7.1A $$	Not applicable

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 3

Appendix 3B New issue announcement

6e	Number of *securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	Not applicable	
6f	Number of *securities issued under an exception in rule 7.2	Not applicable	
6g	If *securities issued under rule 7.1A, was issue price at least 75% of 15 day VWAP as calculated under rule 7.1A.3? Include the *issue date and both values. Include the source of the VWAP calculation.	Not applicable	
6h	If +securities were issued under rule 7.1A for non- cash consideration, state date on which valuation of consideration was released to ASX Market Announcements	Not applicable	
6i	Calculate the entity's remaining issue capacity under rule 7.1 and rule 7.1A – complete Annexure 1 and release to ASX Market Announcements	65,583,054 (Annexure 1 attached)	
	*Issue dates Note: The issue date may be prescribed by ASX (refer to the definition of issue date in rule 19.12). For example, the issue date for a pro rata entitlement issue must comply with the applicable timetable in Appendix 7A. Cross reference: item 33 of Appendix 3B.	11 December 2017	
		Number	†Class
8	Number and *class of all *securities quoted on ASX (including the *securities in section 2 if applicable)	441,524,118	Ordinary shares/CDIs

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 4

Number and *class of all *securities not quoted on ASX (including the *securities in section 2 if applicable)

Number	⁺ Class	
642,246	2001 Plan RSUs	
(equivalent to 642,246 CDIs)		
3,517,048	2006 Plan RSUs	
(equivalent to 3,517,048		
CDIs)		
No 2006 Plan RSUs have been cancelled.		
297 2001 Plan RSUs have been cancelled.		

Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)

- RSUs vested: Ordinary shares/CDIs issued on vesting of RSUs rank for dividends equally with issued ordinary shares/CDIs; and
- B) RSUs granted: Do not rank for dividends.

Part 2 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

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 5

Appendix 3B New issue announcement

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 offer 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
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		Not applicable
	lodge acceptances or renunciations on behalf of security holders	
25	If the issue is contingent on security holders' approval,	Not applicable
	the date of the meeting	,
26	Date entitlement and acceptance form and offer	Not applicable
	documents will be sent to persons entitled	
07	If the seath, here issued seathers and the terms seather	h
27	If the entity has issued options, and the terms entitle option holders to participate on exercise, the date on	Not applicable
	which notices will be sent to option holders	
28	Date rights trading will begin (if applicable)	Not applicable

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 6

Appendix 3B New issue announcement

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
32	How do security holders dispose of their entitlements (except by sale through a broker)?	Not applicable
33	*Issue date	Not applicable

Part 3 Quotation of securities

You need only complete this section if you are applying for quotation of securities

34	Type of *securities		
	(tick one)		
(a)	Х	*Securities described in Part 1	
(b)		All other *securities Example: restricted securities at the end of the escrowed period, partly paid securities that become fully paid, employee incentive share securities when restriction ends, securities issued on expiry or conversion of convertible securities	

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 7

Entities that 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 *se	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 additional *securities setting out the number

of holders in the categories

1 - 1,000

1,001 - 5,000

5,001 - 10,000

10,001 - 100,000

100,001 and over

37 A copy of any trust deed for the additional *securities

+ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 8

Appendix 3B New issue announcement

Entities that have ticked box 34(b) Number of *securities for which *quotation is Not applicable 38 sought 39 *Class of *securities for which quotation is sought Not applicable Do the *securities rank equally in all respects from Not applicable 40 the +issue date with an existing +class of quoted *securities? If the additional *securities do not rank equally, please state: the date from which they do the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment 41 Reason for request for quotation now Not applicable Example: In the case of restricted securities, end of restriction period (if issued upon conversion of another *security, clearly identify that other *security) Class Number Number and *class of all *securities quoted on Not applicable 42 Not applicable

ASX (including the *securities in clause 38)

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 9

Quotation agreement

- *Quotation of our additional *securities is in ASX's absolute discretion. ASX may quote the *securities on any conditions it decides.
- 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 securities to be quoted under section 1019B of the Corporations Act at the time that we request that the *securities be guoted.
- We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected 3 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 is not available now, we 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 her	re: /s/N	Natasha Mercer Company Secretary	Date: 11 December 2017
Print name:	Natasha	a Mercer	
		r defined terms. ndix 3B Page 10	

Appendix 3B – Annexure 1

Calculation of placement capacity under rule 7.1 and rule 7.1A for eligible entities

Introduced 01/08/12 Amended 04/03/13

Part 1

Rule 7.1 – Issues exceeding 15% of capital				
Step 1: Calculate "A", the base figure from which the placeme	tep 1: Calculate "A", the base figure from which the placement capacity is calculated			
Insert number of fully paid *ordinary securities on issue 12 months before the *issue date or date of agreement to issue	440,841,479			
Add the following:				
 Number of fully paid ⁺ordinary securities issued in that 12 month period under an exception in rule 7.2 	682,639			
 Number of fully paid *ordinary securities issued in that 12 month period with shareholder approval 				
 Number of partly paid ⁺ordinary securities that became fully paid in that 12 month period 	Not applicable			
Note:				
 Include only ordinary securities here – other classes of equity securities cannot be added 	Not applicable			
 Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed 				
 It may be useful to set out issues of securities on different dates as separate line items 				
Subtract the number of fully paid ⁺ ordinary securities cancelled during that 12 month period	0			
"A"	441,524,118			

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 11

Step 2: Calculate 15% of "A"			
"B"	0.15		
	[Note: this value cannot be changed]		
Multiply "A" by 0.15	66,228,617		
Step 3: Calculate "C", the amount of placement capacity under	rule 7.1 that has already been used		
Insert number of *equity securities issued or agreed to be issued in that 12 month period <i>not counting</i> those issued:	645,563		
Under an exception in rule 7.2			
• Under rule 7.1A			
With security holder approval under rule 7.1 or rule 7.4			
Note:			
• This applies to equity securities, unless specifically excluded – not just ordinary securities			
• Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed			
• It may be useful to set out issues of securities on different dates as separate line items			
"C"	645,563		
Step 4: Subtract "C" from ["A" x "B"] to calculate remaining pla	acement capacity under rule 7.1		
"A" x 0.15	66,228,617		
Note: number must be same as shown in Step 2			
Subtract "C"	(645,563)		
Note: number must be same as shown in Step 3			
Total ["A" x 0.15] – "C"	65,583,054		
	[Note: this is the remaining placement capacity under rule 7.1]		

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 12

Part 2

Rule 7.1A – Additional placem	ent capacity for eligible entities		
Step 1: Calculate "A", the base figure from which the placement capacity is calculated			
"A"	Not applicable		
Note: number must be same as shown in Step 1 of Part 1			
Step 2: Calculate 10% of "A"	,		
"D"	0.10		
	Note: this value cannot be changed		
Multiply "A" by 0.10	Not applicable		
Step 3: Calculate "E", the amount of placement capacity	under rule 7.1A that has already been used		
<i>Insert</i> number of ⁺equity securities issued or agreed to be issued in that 12 month period under rule 7.1A	Not applicable		
Notes:			
This applies to equity securities – not just ordinary securities			
 Include here – if applicable – the securities the subject of the Appendix 3B to which this form is annexed 			
 Do not include equity securities issued under rule 7.1 (they must be dealt with in Part 1), or for which specific security holder approval has been obtained 			
 It may be useful to set out issues of securities on different dates as separate line items 			
"E"	Not applicable		

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 13

Step 4: Subtract "E" from ["A" x "D"] to calculate remaining placement capacity under rule 7.1A			
"A" x 0.10	Not applicable		
Note: number must be same as shown in Step 2			
Subtract "E"	Not applicable		
Note: number must be same as shown in Step 3			
Total ["A" x 0.10] – "E"	Not applicable		
	Note: this is the remaining placement capacity under rule 7.1A		

⁺ See chapter 19 for defined terms. 04/03/2013 Appendix 3B Page 14



James Hardie Industries plc Europa House 2nd Floor, Harcourt Centre Harcourt Street, Dublin 2, Ireland

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

11 December 2017

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 a copy of the substantial holding notice received by James Hardie on 8 December 2017.

Yours faithfully

Natasha Mercer Company Secretary

me/cer

Directors: Michael Hammes (Chairman, USA), Brian Anderson (USA), Russell Chenu (Australia),
Andrea Gisle Joosen (Sweden), David Harrison (USA), Alison Littley (United Kingdom),
Steven Simms (USA), Rudy van der Meer (Netherlands).
Chief Executive Officer and Director: Louis Gries (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

- Identity of the issuer or the underlying issuer of existing shares to which voting rights are attached i: James Hardie Industries PLC
- 2. Reason for the notification (please tick the appropriate box or boxes):
 - 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
 other
- 3. Full name of person(s) subject to the notification obligationiii: FMR LLC
- 4. Full name of shareholder(s) (if different from 3.) iv:
- Date of the transaction and date on which the threshold is crossed or reached^v: 06 December 2017

Date on which issuer notified: 08 December 2017Threshold(s) that is/are crossed or reached: 6%

Notified details:

Class/type of shares (if	Situation previous to the Triggering transaction vi		Resulting situation after the triggering transactionvii				
possible using the ISIN CODE)	Number of Shares ^{viii} Number of Voting rights ^{ix}	Number of Voting	Number of shares ^x	Number of voting rights ^{xi}		% of voting rights	
		rightsix	Indirect	Directxii	Indirectxiii	Direct	Indirect
AU000000JHX1	26,520,156	26,520,156	26,466,544		26,466,544		5.99%
SUBTOTAL A (based on aggregate voting rights)	26,520,156	26,520,156	26,466,544	26	 3,466,544	5	5.99%

Resulting situa	ation after the trigg	ering transactionxiv		
Type of financial instrument	Expiration Date ^{xv}	Exercise/Conver sion Period/ Date ^{xvi}	Number of voting rights that may be acquired if the instrument is exercised/conver ted	% of voting rights
		SUBTOTAL B (in relation to all expiration dates)		

Total (A+B)	number of voting	% of voting rights	
	rights	100 1 100	
	26,466,544	5.99%	

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

Controlled Undertaking	Percentage Holding
Fidelity (Canada) Asset Management ULC	0.00
FIAM LLC	0.45
Fidelity Institutional Asset Management Trust Company	0.47
FMR CO., INC	4.37
FMR INVESTMENT MANAGEMENT (UK) LIMITED	0.70
STRATEGIC ADVISERS, INC.	0.00
Grand Total	5.99

- 10. In case of proxy voting
- 11. Additional information:

Notes to Form TR-1

This form is to be sent to the issuer or underlying issuer and to be filed with the competent authority.

- Either the full name of the legal entity or another method for identifying the issuer or underlying issuer, provided it is reliable and accurate.
- This should be the full name of (a) the shareholder; (b) the natural person or legal entity acquiring, disposing of or exercising voting rights in the cases provided for in Article 10 (b) to (h) of Directive 2004/109/EC; (c) all the parties to the agreement referred to in Article 10 (a) of that Directive, or (d) the holder of financial instruments entitled to acquire shares already issued to which voting rights are attached, as appropriate.

In relation to the transactions referred to in points (b) to (h) of Article 10 of that Directive, the following list is provided as indication of the persons who should be mentioned:

- in the circumstances foreseen in letter (b) of Article 10 of that Directive, the natural person or legal entity that acquires the voting rights and is entitled to exercise them under the agreement and the natural person or legal entity who is transferring temporarily for consideration the voting rights;
- in the circumstances foreseen in letter (c) of Article 10 of that Directive, the natural person or legal entity holding the collateral, provided the person or entity controls the voting rights and declares its intention of exercising them, and natural person or legal entity lodging the collateral under these conditions;
- in the circumstances foreseen in letter (d) of Article 10 of that Directive, the natural person or legal entity who has a life interest in shares if that person or entity is entitled to exercise the voting rights attached to the shares and the natural person or legal entity who is disposing of the voting rights when the life interest is created:
- in the circumstances foreseen in letter (e) of Article 10 of that Directive, the controlling natural person or legal entity and, provided it has a notification duty at an individual level under Article 9, under letters (a) to (d) of Article 10 of that Directive or under a combination of any of those situations, the controlled undertaking;
- in the circumstances foreseen in letter (f) of Article 10 of that Directive, the deposit taker of the shares, if he can exercise the voting rights attached to the shares deposited with him at his discretion, and the depositor of the shares allowing the deposit taker to exercise the voting rights at his discretion;
- in the circumstances foreseen in letter (g) of Article 10 of that Directive, the natural person or legal entity that controls the voting rights;
- in the circumstances foreseen in letter (h) of Article 10 of that Directive, the proxy holder, if he can exercise the voting rights at his discretion, and the shareholder who has given his proxy to the proxy holder allowing the latter to exercise the voting rights at his discretion.
- Applicable in the cases provided for in Article 10 (b) to (h) of Directive 2004/109/EC. This should be the full name of the shareholder who is the counterparty to the natural person or legal entity referred to in Article 10 of that Directive unless the holdings of the shareholder would be lower than 5% of the total number of voting rights.
- The date of the transaction should normally be, in the case of an on exchange transaction, the date on which the matching of orders occurs; in the case of an off exchange transaction, date of the entering into an agreement.

The date on which threshold is crossed should normally be the date on which the acquisition, disposal or possibility to exercise voting rights takes effect. For passive crossings, the date when the corporate event took effect.

- Please refer to the situation disclosed in the previous notification. In case the situation previous to the triggering transaction was below 3%, please state "below 3%".
- If the holding has fallen below the minimum threshold, the notifying party should not be obliged to disclose the extent of the holding, only that the new holding is below 3%.

For the case provided for in Article 10(a) of Directive 2004/109/EC, there should be no disclosure of individual holdings per party to the agreement unless a party individually crosses or reaches an Article 9 threshold. This applies upon entering into, introducing changes to or terminating an agreement.

- To be used in Member States where applicable.
- ix Direct and indirect.
- x To be used in Member States where applicable.
- In case of combined holdings of shares with voting rights attached "direct holding" and voting rights "indirect holding", please split the voting rights number and percentage into the direct and indirect columns if there is no combined holdings, please leave the relevant box blank.
- voting rights attached to shares held by the notifying party (Article 9 of Directive 2004/109/EC).
- Voting rights held by the notifying party independently of any holding of shares (Article 10 of Directive 2004/109/EC).
- xiv If the holding has fallen below the minimum threshold, the notifying party should not be obliged to disclose the extent of the holding, only that the new holding is below 3%.
- Date of maturity/expiration of the financial instrument i.e. the date when right to acquire shares ends.
- xvi If the financial instrument has such a period please specify this period for example once every 3 months starting from [date].
- The notification should include the name(s) of the controlled undertakings through which the voting rights are held. The notification should also include the amount of voting rights and the percentage held by each controlled undertaking, insofar as individually the controlled undertaking holds 3% or more, and insofar as the notification by the parent undertaking is intended to cover the notification obligations of the controlled undertaking.