Ingersoll-Rand plc Form 4 July 25, 2014

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person ** Teirlinck Didier P	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) (Middle)	Ingersoll-Rand plc [IR] 3. Date of Earliest Transaction			
C/O INGERSOLL-RAND COMPANY, 800-E BEATY STREET	(Month/Day/Year) 07/23/2014	Director 10% OwnerX Officer (give title Other (specify below) EVP, Climate Segment		
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
DAVIDSON NC 29026	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		

DAVIDSON, NC 28036

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securit or(A) or Dis (Instr. 3, 4)	sposed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Ordinary Shares	07/23/2014		M	8,808	A	\$ 37.71	122,092.6357	D	
Ordinary Shares	07/23/2014		M	9,731	A	\$ 32.43	131,823.6357	D	
Ordinary Shares	07/23/2014		M	9,192	A	\$ 41.91	141,015.6357	D	
Ordinary Shares	07/23/2014		S	27,731	D	\$ 64.26 (1)	113,284.6357	D	

Person

4.052

I

Ordinary	By Plan
Shares (2)	Trustee

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number owf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	of Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 37.71	07/23/2014		M	8,808	(3)	02/13/2021	Ordinary Shares	8,808
Stock Option (Right to Buy)	\$ 32.43	07/23/2014		M	9,731	<u>(4)</u>	02/23/2022	Ordinary Shares	9,731
Stock Option (Right to Buy)	\$ 41.91	07/23/2014		M	9,192	<u>(5)</u>	02/21/2023	Ordinary Shares	9,192

Reporting Owners

Reporting Owner Name / Address	Relationships					
• 0	Director	10% Owner	Officer	Other		
Teirlinck Didier P C/O INGERSOLL-RAND COMPANY 800-E BEATY STREET DAVIDSON, NC 28036			EVP, Climate Segment			

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Signatures

/s/ Sara Walden Brown, Attorney-in-Fact

07/25/2014

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- This transaction was executed in multiple trades ranging from \$64.26 to \$64.342 per share. The price reported above reflects the weighted (1) average purchase price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer, or a security holder of the issuer full information regarding the number of shares and prices at which the transaction were effected.
- (2) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.
- (3) The stock option vests in three (3) equal annual installments beginning on February 14, 2012.
- (4) The stock option vests in three (3) equal annual installments beginning on February 24, 2013.
- (5) The stock option vests in three (3) equal annual installments beginning on February 22, 2014.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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