Ingersoll-Rand plc Form 4 August 14, 2013

FORM 4

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

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b).

(Print or Type Responses)

(Last)

1. Name and Address of Reporting Person * Teirlinck Didier P

> (First) (Middle)

C/O INGERSOLL-RAND COMPANY, 800-E BEATY **STREET**

(Street)

2. Issuer Name and Ticker or Trading Symbol

Ingersoll-Rand plc [IR]

3. Date of Earliest Transaction (Month/Day/Year)

08/13/2013

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Director 10% Owner X_ Officer (give title Other (specify below)

Senior Vice President

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

DAVIDSON, NC 28036

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficiall	y 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 oner Dispos (Instr. 3, 4)	ed of (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	08/13/2013		M	2,358	A		82,778.88	D	
Ordinary Shares	08/13/2013		M	23,170	A	\$ 43.125	105,948.88	D	
Ordinary Shares	08/13/2013		M	25,276	A	\$ 39	131,224.88	D	
Ordinary Shares	08/13/2013		M	15,000	A	\$ 16.85	146,224.88	D	
Ordinary Shares	08/13/2013		S	65,804	D	\$ 61.75	80,420.88	D	

Ordinary	1,371.25	Ţ	By Plan
Shares (1)	1,371.23	1	Trustee

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

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(9-02)

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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8 I S (
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right to Buy)	\$ 38.47	08/13/2013		M	2,358	(2)	10/01/2015	Ordinary Shares	2,358	
Stock Option (Right to Buy)	\$ 43.125	08/13/2013		M	23,170	(2)	02/06/2017	Ordinary Shares	23,170	
Stock Option (Right to Buy)	\$ 39	08/13/2013		M	25,276	(2)	02/14/2018	Ordinary Shares	25,276	
Stock Option (Right to Buy)	\$ 16.85	08/13/2013		M	15,000	(2)	02/11/2019	Ordinary Shares	15,000	

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

Teirlinck Didier P C/O INGERSOLL-RAND COMPANY 800-E BEATY STREET

Reporting Owners 2

Senior Vice President

DAVIDSON, NC 28036

Signatures

/s/ S. Wade Sheek - Attorney-in-Fact

08/14/2013

**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).
- (1) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.
- (2) The options vest in three equal annual installments on the first, second and third anniversaries of the date of grant.

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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