Ingersoll-Rand plc Form 4 February 14, 2017

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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OMB APPROVAL

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

Check this box

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).

(Last)

(Print or Type Responses)

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

(First)

(Middle)

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

(Street)

(Ctata)

2. Issuer Name and Ticker or Trading Symbol

Ingersoll-Rand plc [IR]

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

02/10/2017

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

EVP, Climate Segment

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

DAV	IDS	JN,	NC	280	136

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, Disposed of,	or Beneficial	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired (A) stiomr Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Ordinary Shares	02/10/2017		F	952	D		110,068.64	D	
Ordinary Shares	02/13/2017		S	1,504	D	\$ 81.6814	108,564.64	D	
Ordinary Shares	02/14/2017		S	2,131	D	\$ 81.6	106,433.64	D	
Ordinary Shares (1)							4.2064	I	By Plan Trustee

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

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SEC 1474 (9-02)

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transaction	5. orNumber	6. Date Exerc Expiration Da		7. Title		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/		Underly Securiti (Instr. 3	ying les	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

	Relationships
Reporting Owner Name / Address	<u> </u>

10% Owner Officer Director Other

EVP.

Teirlinck Didier P C/O INGERSOLL-RAND COMPANY Climate 800-E BEATY STREET Segment DAVIDSON, NC 28036

Signatures

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

02/14/2017

**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.

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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