Ingersoll-Rand plc Form 4 April 10, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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may continue.

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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Perso LAMACH MICHAEL W	2. Issuer Name and Ticker or Trading Symbol Ingersoll-Rand plc [IR]	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle	• • •	(Check all applicable)			
C/O INGERSOLL-RAND COMPANY, 800-E BEATY STREET	(Month/Day/Year) 04/08/2014	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Chairman, President and CEO			
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
DAVIDSON, NC 28036 (City) (State) (Zin)		Form filed by More than One Reporting Person			

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(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqu	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4)	sposed	Price	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	04/08/2014		S	18,883 (1)	D	\$ 55.14 (2)	256,247.03	D	
Ordinary Shares (3)							2,026.46	I	By Plan Trustee
Ordinary Shares (GRAT)							20,000	I	By grantor retained annuity trust

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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Title		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	onNumber	Expiration D	ate	Amour	it of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative		• •	·	Securities			(Instr.	3 and 4)	, , ,	Owne
	Security				Acquired			Ì			Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						Ì
					4, and 5)						
					, ,						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

LAMACH MICHAEL W C/O INGERSOLL-RAND COMPANY 800-E BEATY STREET DAVIDSON, NC 28036

X

Chairman, President and CEO

Signatures

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

04/10/2014

**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).
- (1) Transaction executed pursuant to a Rule 10b5-1 Plan adopted by the reporting person on February 14, 2014.
- This transaction was executed in multiple trades ranging from \$54.74 to \$55.44 per share. The price reported above reflects the weighted 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 transactions were effected.
- (3) 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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