Ingersoll-Rand plc Form 4 April 24, 2014

FORM 4

Section 16.

Form 4 or

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

Check this box if no longer subject to STATEMENT OF CHANGES I

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. See Instruction

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)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading LAMACH MICHAEL W Issuer Symbol Ingersoll-Rand plc [IR] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X_ Director 10% Owner Other (specify X_ Officer (give title C/O INGERSOLL-RAND 04/22/2014 below) COMPANY, 800-E BEATY Chairman, President and CEO **STREET** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check 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								ly 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. Securition(A) or Dis (Instr. 3, 4)	sposed	of (D)	Securities Beneficially Owned Following Reported (6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Ordinary Shares	04/22/2014		S	18,883 (1)	D	\$ 57.8 (2)	237,617.55	D	
Ordinary Shares	04/23/2014		M	43,790	A	\$ 34.39	281,407.55	D	
Ordinary Shares	04/23/2014		S	43,790 (1)	D	\$ 60	237,617.55	D	
Ordinary Shares (3)							2,022.7	I	By Plan Trustee
Ordinary Shares							20,000	Ι	By grantor retained

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

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response...

Estimated average

burden hours per

(GRAT) annuity trust

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 34.39	04/23/2014		M	43,790	<u>(4)</u>	02/06/2017	Ordinary Shares	43,790

Reporting Owners

Reporting Owner Name / Address

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
04/24/2014

**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.
- (2) This transaction was executed in multiple trades ranging from \$57.36 to \$58.53 per share. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer, or a security holder of the

Reporting Owners 2

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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.
- (4) The stock option vests in three (3) equal annual installments beginning on February 7, 2008.

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.