

Michel Gary S  
 Form 4  
 February 26, 2013

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Michel Gary S

(Last) (First) (Middle)

C/O INGERSOLL-RAND  
 COMPANY, 800-E BEATY ST

(Street)

DAVIDSON, NC 28036

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 Ingersoll-Rand plc [IR]

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 02/22/2013

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Senior Vice President

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)		
			Code	V	Amount or Price				
Ordinary Shares	02/22/2013		A		7,875 (1)	A	\$ 0 26,799	D	
Ordinary Shares	02/22/2013		A		3,803 (2)	A	\$ 0 30,602	D	
Ordinary Shares	02/22/2013		F		2,501	D	\$ 52.6 28,101	D	
Ordinary Shares	02/24/2013		F		455	D	\$ 52.6 27,646	D	
Ordinary Shares (3)							5,120.81	I	By Plan Trustee

Ordinary Shares 300 I Trust for Child

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)

Table with 8 columns: 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 of 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. Amount or Number of Shares. Row 1: Stock Option (Right to Buy), \$ 52.6, 02/22/2013, A, 12,122, (4), 02/21/2023, Ordinary Shares, 12,122.

Reporting Owners

Table with 2 columns: Reporting Owner Name / Address, Relationships. Row 1: Michel Gary S, C/O INGERSOLL-RAND COMPANY, 800-E BEATY ST, DAVIDSON, NC 28036; Relationships: Director, 10% Owner, Officer, Senior Vice President, Other.

Signatures

/s/ S. Wade Sheek - Attorney-in-Fact 02/26/2013
\*\*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) Represents the vesting of performance share units for the 2010-2012 performance period.
(2) Represents restricted stock units that vest in three (3) equal annual installments beginning on February 22, 2014.

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- (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 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.

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