

Michel Gary S  
Form 3  
August 05, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 \*

Â Michel Gary S  
(Last) (First) (Middle)

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

(Street)

DAVIDSON,Â NCÂ 28036

(City) (State) (Zip)

2. Date of Event Requiring Statement

(Month/Day/Year)  
08/01/2011

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

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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

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 Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Ordinary Shares	300	D	Â
Ordinary Shares (Restricted Share Units) <sup>(1)</sup>	16,487	D	Â
2009 - 2011 Performance Share Units <sup>(2)</sup>	7,421	D	Â
2010 - 2012 Performance Share Units <sup>(3)</sup>	3,957	D	Â
2011 - 2013 Performance Share Units <sup>(4)</sup>	2,641	D	Â
Ordinary Shares <sup>(5)</sup>	4,897.6	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.

SEC 1473 (7-02)

**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.

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Option (Right to Buy)	02/02/2008 <sup>(6)</sup>	02/01/2015	Ordinary Shares	17,280	\$ 38.69	D	Â
Stock Option (Right to Buy)	02/01/2009 <sup>(6)</sup>	01/31/2016	Ordinary Shares	14,070	\$ 39.43	D	Â
Stock Option (Right to Buy)	02/07/2010 <sup>(6)</sup>	02/06/2017	Ordinary Shares	16,450	\$ 43.13	D	Â
Stock Option (Right to Buy)	02/15/2011 <sup>(6)</sup>	02/14/2018	Ordinary Shares	20,264	\$ 39	D	Â
Stock Option (Right to Buy)	Â <sup>(7)</sup>	02/11/2019	Ordinary Shares	6,300	\$ 16.85	D	Â
Stock Option (Right to Buy)	Â <sup>(8)</sup>	02/15/2020	Ordinary Shares	6,380	\$ 31.59	D	Â
Stock Option (Right to Buy)	Â <sup>(9)</sup>	02/13/2021	Ordinary Shares	9,869	\$ 47.34	D	Â
Phantom Stock Units (SESP II)	Â <sup>(10)</sup>	Â <sup>(11)</sup>	Ordinary Shares	2,588.05	\$ 0	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Michel Gary S C/O INGERSOLL-RAND COMPANY 800-E BEATY ST DAVIDSON,Â NCÂ 28036	Â	Â	Â Senior Vice President	Â

## Signatures

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

08/05/2011

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) Includes restricted share unit awards that vest (i) 33% annually beginning February 12, 2010; (ii) 33% annually beginning February 16, 2011; (iii) 33% annually beginning February 14, 2012; and (iv) 100% on August 5, 2013
- (2) Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the initial target amount, will depend upon the Issuer's financial performance during the relevant performance period relative to peer companies in the S&P 500 Industrial Index. The shares, if any, will be issued in the first quarter of 2012.
- (3) Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the initial target amount, will depend upon the Issuer's financial performance during the relevant performance period relative to peer companies in the S&P 500 Industrial Index. The shares, if any, will be issued in the first quarter of 2013.
- (4) Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the initial target amount, will depend upon the Issuer's financial performance during the relevant performance period relative to peer companies in the S&P 500 Industrial Index. The shares, if any, will be issued in the first quarter of 2014.
- (5) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.
- (6) All options have fully vested and are exercisable.
- (7) The options vest 33% annually beginning on February 12, 2010.
- (8) The options vest 33% annually beginning on February 16, 2011.
- (9) The options vest 33% annually beginning on February 14, 2012.
- (10) These Phantom Stock Units were acquired under the Ingersoll-Rand Company Supplemental Employee Savings Plan II ("SESPII"), and are to be settled in cash equal to the fair market value of ordinary shares multiplied by the number of phantom stock units held upon the reporting person's termination of employment with the issuer.
- (11) These Phantom Stock Units were acquired under the Ingersoll-Rand Company Supplemental Employee Savings Plan II ("SESPII"), and are to be settled in cash equal to the fair market value of ordinary shares multiplied by the number of phantom stock units held upon the reporting person's termination of employment with the issuer.

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.