

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 *   |         | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol                                |  |
| Â Michel Gary S                             |         | (Month/Day/Year)                     | Ingersoll-Rand plc [IR]  |  |
| (Last)                                      | (First) | (Middle)                             | 08/01/2011   |  |
| C/O INGERSOLL-RAND COMPANY,Â 800-E BEATY ST |         |                                      | 4. Relationship of Reporting Person(s) to Issuer                           | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
| (Street)                                    |         |                                      | (Check all applicable)   |  |
| DAVIDSON,Â NCÂ 28036                        |         |                                      | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner       | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
| (City)                                      | (State) | (Zip)                                | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|   |         |                                      | (give title below) (specify below)   | <input type="checkbox"/> Form filed by More than One Reporting Person  |
|   |         |                                      | Senior Vice President  |  |

**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<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) |                   | 3. Title and Amount of Securities Underlying Derivative Security<br>(Instr. 4) |                            | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect (I)<br>(Instr. 5) | 6. Nature of Indirect Beneficial Ownership<br>(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<br>C/O INGERSOLL-RAND COMPANY<br>800-E BEATY ST<br>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.