

Michel Gary S  
Form 4  
February 28, 2012

**FORM 4**

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

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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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Estimated average  
burden hours per  
response... 0.5

(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)

02/24/2012

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

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_X\_\_ Officer (give title below) \_\_\_\_ Other (specify below)

Senior Vice President

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_\_X\_\_ 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<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
| Ordinary<br>Shares                    | 02/24/2012                              |                                                             | A                                    | (A)<br>or<br>(D)<br>Amount<br>4,300<br>(1)                                 | \$ 0 19,991                                                                                                        | D                                                                    |                                                                   |
| Ordinary<br>Shares (2)                |                                         |                                                             |                                      |                                                                            | 4,937.62                                                                                                           | I                                                                    | By Plan<br>Trustee                                                |
| Ordinary<br>Shares                    |                                         |                                                             |                                      |                                                                            | 300                                                                                                                | I                                                                    | Trust for<br>Child                                                |

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  
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SEC 1474  
(9-02)

number.

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

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |     | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) | 8. Date<br>of Disposition<br>(Instr. 3 and 4) |                    |                                     |
|-----------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----|---------------------------------------------------------------------|-----------------------------------------------|--------------------|-------------------------------------|
|                                                     |                                                                    |                                         |                                                             | Code                                 | V                                                                                                            | (A)                                                            | (D) | Date<br>Exercisable                                                 | Expiration<br>Date                            | Title              | Amount<br>or<br>Number<br>of Shares |
| Stock<br>Option<br>(Right to<br>Buy)                | \$ 40.7                                                            | 02/24/2012                              |                                                             | A                                    |                                                                                                              | 12,061                                                         |     | <u>(3)</u>                                                          | 02/23/2022                                    | Ordinary<br>Shares | 12,061                              |

## 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, NC 28036 |               |           | Senior Vice President |       |

## Signatures

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

02/28/2012

\*\*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 restricted stock units that vest in three (3) equal annual installments beginning on February 24, 2013

(2) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.

(3) The stock option vests in three (3) equal annual installments beginning on February 24, 2013.

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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