

Teirlinck Didier P  
Form 4  
March 02, 2011

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
Teirlinck Didier P

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
02/28/2011

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

C/O INGERSOLL-RAND COMPANY, ONE CENTENNIAL AVENUE

(Street)

4. 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

PISCATAWAY, NJ 08854

(City) (State) (Zip)

**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                                                                               |                                                          |                                   |
| 2009 - 2010 Performance Share Units <sup>(1)</sup> | 02/28/2011                           |                                                    | J                              |                                                                   | 25,486 <sup>(2)</sup>                                                                         | D                                                        | \$ 0 0                            |
| Ordinary Shares (EDCP II) <sup>(3)</sup>           | 02/28/2011                           |                                                    | J                              |                                                                   | 25,486 <sup>(2)</sup>                                                                         | A                                                        | \$ 0 25,486                       |
| 2009 - 2011 Performance Share Units <sup>(4)</sup> |                                      |                                                    |                                |                                                                   |                                                                                               |                                                          | 31,167                            |
| 2010 - 2012                                        |                                      |                                                    |                                |                                                                   |                                                                                               |                                                          | 18,992                            |

Performance  
Share Units <sup>(5)</sup>

2011 - 2013

Performance  
Share Units <sup>(6)</sup>

Ordinary  
Shares

Ordinary  
Shares <sup>(7)</sup>

Ordinary  
Shares  
(Restricted  
Share Units)  
<sup>(8)</sup>

12,676 D

15,619 D

1,021.03 I By Plan  
Trustee

16,004 D

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.**

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(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. Transaction Code (Instr. 8) | 5. Number of Derivative 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. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Following Transaction (Instr. 6) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------|
|                                            |                                                        |                                      |                                                    | Code                           | V (A) (D)                                                                               | Date Exercisable                                         | Expiration Date                                               | Title                                      | Amount or Number of Shares                                                |

## Reporting Owners

| Reporting Owner Name / Address                                                                    | Relationships |           |                       |       |
|---------------------------------------------------------------------------------------------------|---------------|-----------|-----------------------|-------|
|                                                                                                   | Director      | 10% Owner | Officer               | Other |
| Teirlinck Didier P<br>C/O INGERSOLL-RAND COMPANY<br>ONE CENTENNIAL AVENUE<br>PISCATAWAY, NJ 08854 |               |           | Senior Vice President |       |

## Signatures

/s/ Kenneth Yi -  
Attorney-in-Fact

03/02/2011

\_\_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) The actual number of vested Performance Shares were paid out as ordinary shares at approximately 0.8177 of the previously reported target number.
- (2) Represents units deferred, at the option of the Reporting Person, upon the vesting of the 2009-2010 Performance Share Units.  
Represents vested units acquired or deferred under the IR Executive Deferred Compensation Plan II (the "EDCP II"). The units are to be
- (3) converted on a one-for-one basis and settled in shares upon the reporting person's termination of employment with the issuer, or earlier or later upon certain elections.  
Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the
- (4) 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.  
Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the
- (5) 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.  
Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the
- (6) 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.
- (7) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.
- (8) Restricted Share Units vest in three (3) equal annual installments beginning on the first anniversary of the date of grant. Upon vesting, each unit is convertible into one (1) ordinary share of 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.