

Weller Richard  
Form 4  
February 18, 2010

**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 \*  
Weller Richard

(Last) (First) (Middle)

C/O INGERSOLL-RAND  
COMPANY, ONE CENTENNIAL  
AVENUE

(Street)

PISCATAWAY, NJ 08855

(City) (State) (Zip)

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

3. Date of Earliest Transaction  
(Month/Day/Year)  
02/16/2010

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)  
VP & Corporate Controller

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 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) |
|---|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|   |                                      |  |                                | (A) or (D)  | Price   |  |                                   |
| Ordinary Shares (Restricted Share Units) <sup>(1)</sup> | 02/16/2010                           |  | A                              | 3,482   | A \$ 0 6,342  | D  |                                   |
| 2010 - 2012 Performance Share Units <sup>(2)</sup>      | 02/16/2010                           |  | A                              | 6,331   | A \$ 0 6,331  | D  |                                   |
| Ordinary Shares   |                                      |  |                                |   | 1,345   | D  |                                   |

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|  |        |   |                    |
|--|--------|---|--------------------|
| 2009 - 2010<br>Performance<br>Share Units <sup>(3)</sup> | 11,873 | D |                    |
| 2009 - 2011<br>Performance<br>Share Units <sup>(4)</sup> | 11,873 | D |                    |
| Ordinary<br>Shares <sup>(5)</sup>                        | 525.14 | I | By Plan<br>Trustee |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474  
(9-02)

**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<br>of Derivative<br>Securities<br>Acquired<br>(A) or<br>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<br>of Underlying<br>Securities<br>(Instr. 3 and 4) | 8. F<br>Der<br>Sec<br>(In |  |
|---|--|---|---|--------------------------------------|---|--|--|---------------------------|--|
|   |  |   |   | Code                                 | V (A) (D)   | Date<br>Exercisable  | Expiration<br>Date   | Title                     | Amount<br>or<br>Number<br>of<br>Shares |
| Stock<br>Option<br>(right to<br>buy)                | \$ 31.59   | 02/16/2010                              |   | A                                    | 9,848   | <sup>(6)</sup><br>02/15/2020                                   |  | Ordinary<br>Shares        | 9,848                                  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                           |       |
|---|---------------|-----------|---------------------------|-------|
|   | Director      | 10% Owner | Officer                   | Other |
| Weller Richard<br>C/O INGERSOLL-RAND COMPANY<br>ONE CENTENNIAL AVENUE<br>PISCATAWAY, NJ 08855 |               |           | VP & Corporate Controller |       |

## Signatures

/s/ Kenneth H. Yi -  
Attorney-in-Fact

02/18/2010

\*\*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) Restricted Share Units vest in three equal annual installments beginning on the first anniversary of the date of grant.

Represents target number of Performance Shares. The actual number of shares to be issued, which could range from 0 to two times the initial target amount, will depend upon, among other things, the issuer's financial performance during the relevant performance period relative to companies in the S&P 500 Industrial Index. The shares, if any, will be issued in February 2013.

(3) Restricted Share Units vest in three equal annual installments beginning on the first anniversary of the date of grant. Represents target number of Performance Shares. The actual number of shares to be issued, which could range from 0 to two times the initial target amount, will depend upon, among other things, the issuer's financial performance during the relevant performance period relative to companies in the S&P 500 Industrial Index. The shares, if any, will be issued in February 2011.

(4) Represents target number of Performance Shares. The actual number of shares to be issued, which could range from 0 to two times the initial target amount, will depend upon, among other things, the issuer's financial performance during the relevant performance period relative to companies in the S&P 500 Industrial Index. The shares, if any, will be issued in February 2012.

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

(6) The options vest in three equal annual installments beginning on February 16, 2011.

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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