Weller Richard
Form 4
September 30, 2011

# 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 08854

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
09/26/2008

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 Indirect Beneficial Ownership (Instr. 4) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Ordinary Shares (EDCP II) | 06/30/2010 | | A | | 29.71 (1) | A | $ 0 | 5,387.8 (2) | D | |
| Ordinary Shares | | | | | | | | 2,911 (2) | D | |
| Ordinary Shares (Restricted Share Units) | | | | | | | | 6,076 (2) | D | |
| Ordinary | | | | | | | | 895.17 (3) | I | By Plan |

Shares 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 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) | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Phantom Stock Units | $ 0 | 09/26/2008 | | A | | 1,936.54 (4) | | (5) | (5) | Ordinary Shares | 1,936.54 |

# 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 08854 | | | VP & Corporate Controller | |

# Signatures

| /s/ S. Wade Sheek - Attorney-in-Fact | 09/30/2011 |
|---|---|
| **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)** Reflects acquisitions of dividend equivalents paid on Company stock held through Company deferred compensation plans from June 30, 2010 to June 30, 2011. The dividends equivalents are paid at the same rate and at the same time as dividends paid to the Company's shareholders. Prior to July 1, 2009, acquisitions of dividend equivalents were exempt from reporting pursuant to Rule 16a-11 under the Securities Exchange Act of 1934 (the "Act"). On July 1, 2009, the Company became the successor of Ingersoll-Rand Company Limited, a Bermuda company ("IR-Bermuda"), and in connection therewith, IR Bermuda's dividend reinvestment plan was terminated. A similar report is being filed for all Section 16 officers and directors who participate in Company deferred compensation plans.

**(2)** Reflects total ownership as of the date of this filing.

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

**(4)** Reflects Company matching contributions and dividends on such contributions under Company supplemental compensation plans that were invested in a unitized Company stock fund from September 26, 2008 to September 7, 2011. The Company has determined that such supplemental plans do not meet all of the requirements for an "Excess Benefit Plan" under which transactions are generally exempt from reporting pursuant to Rules16b-3(c) of the Act. A similar report is being filed for all Section 16 officers who participate in Company supplemental compensation plans.

**(5)** These Phantom Stock Units 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.

**(6)** The number of shares is an approximate number based on the total market value of the reporting person's Company stock fund units, as reported by the trustee of the Company supplemental compensation plans.

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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