

Weller Richard  
Form 4  
September 03, 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)  
09/02/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
VP & Corporate Controller

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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	09/02/2010		M		7,150	A	\$ 16.85
Ordinary Shares	09/02/2010		S		7,150	D	\$ 34.05
Ordinary Shares (EDCP II) <sup>(2)</sup>							<u>(1)</u>
							1,429.17
Ordinary Shares							6,342

(Restricted  
Share Units)  
(3)

2009 - 2010  
Performance  
Share Units

11,873 D

(4)

2009 - 2011  
Performance  
Share Units

11,873 D

(5)

2010 - 2012  
Performance  
Share Units

6,331 D

(6)

Ordinary  
Shares (7)

724.45 I

By Plan  
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)	8. P... Der... Sec... (In...	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 16.85	09/02/2010		M	7,150	<u>(8)</u> 02/11/2019	Ordinary Shares	7,150	

## Reporting Owners

Reporting Owner Name / Address

Relationships

Reporting Owners

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Director 10% Owner Officer Other

Weller Richard
C/O INGERSOLL-RAND COMPANY
ONE CENTENNIAL AVENUE
PISCATAWAY, NJ 08855

VP & Corporate Controller

Signatures

/s/ Kenneth H. Yi - Attorney-in-Fact 09/03/2010

\*\*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) The reported price is the weighted average price for the transactions on September 2, 2010. The range of prices for the transactions is from \$34.04 to \$34.06 per share. Information regarding the number of shares purchased at each separate price will be provided upon request of the Securities and Exchange Commission, the issuer, or a security holder of the issuer.
(2) Represents vested units acquired or deferred under the IR Executive Deferred Compensation Plan II (the "EDCP II"). The units are to be 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.
(3) Restricted Share Units vest in three equal annual installments beginning on the first anniversary of the date of grant.
(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 2011.
(5) 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.
(6) 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.
(7) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.
(8) The option vests in three equal annual installments beginning on February 12, 2010.

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.