

Weller Richard
Form 4
May 10, 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)
05/09/2011

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 Ownership (Instr. 4)
				(A) or (D)	Price		
				Code V	Amount		
Ordinary Shares	05/09/2011		S		4,590	D	
					50.78		
					(1)		
Ordinary Shares (2)					875.9	I	By Plan Trustee
2009 - 2011 Performance Share Units (3)					11,873	D	
2010 - 2012					6,331	D	

Performance
Share Units
(4)

2011 - 2013
Performance
Share Units
(5)

Ordinary
Shares
(EDCP II) (6)

Ordinary
Shares
(Restricted
Share Units)
(7)

4,226 D

5,373.6 D

6,076 D

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

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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 Reporting 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
Weller Richard C/O INGERSOLL-RAND COMPANY ONE CENTENNIAL AVENUE			VP & Corporate Controller	

PISCATAWAY, NJ 08854

Signatures

/s/ Kenneth Yi -
Attorney-in-Fact

05/10/2011

__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).

The reported price is the weighted average price for the transactions on May 9, 2011. The range of prices for the transactions is from

(1) \$50.77 to \$50.79 per share. Information regarding the number of shares disposed 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) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.

Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the 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.

(4) Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the 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.

(5) Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the 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.

(6) 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.

(7) 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.

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