Ingersoll-Rand plc
Form 4
May 05, 2011

FORM 4

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

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

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).

(Print or Type Responses)

1. Name and Address of Reporting Person *
SWIFT RICHARD J

(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)
05/03/2011

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__X__ Director
_____ 10% Owner
_____ Officer (give title below)
_____ Other (specify below)

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	05/03/2011		M		4,500	A	$ 24.49	16,110	D	
Ordinary Shares	05/03/2011		S		4,500	D	$ 50.54 (1)	11,610	D	
Ordinary Shares	05/03/2011		M		4,500	A	$ 21.49	16,110	D	
Ordinary Shares	05/03/2011		S		4,500	D	$ 50.55 (2)	11,610	D	

Ordinary Shares (DDCP) (3)	35,568.05	D
Ordinary Shares (DDCP II) (4)	9,340.22	D

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

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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. Der Sec (Ins
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right to Buy)	$ 24.49	05/03/2011		M			4,500	(5)	04/30/2012	Ordinary Shares	4,500	
Stock Option (Right to Buy)	$ 21.49	05/03/2011		M			4,500	(5)	05/28/2013	Ordinary Shares	4,500	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SWIFT RICHARD J C/O INGERSOLL-RAND COMPANY ONE CENTENNIAL AVENUE PISCATAWAY, NJ 08854	X			

Signatures

/s/ Kenneth Yi - Attorney-in-Fact	05/05/2011
**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 reported price is the weighted average price for the transactions on May 3, 2011. The range of prices for the transactions is from $50.5375 to $50.55 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) The reported price is the weighted average price for the transactions on May 3, 2011. The range of prices for the transactions is from $50.54 to $50.55 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.

(3) Represents vested units acquired or deferred under the IR Director Deferred Compensation Plan (the "DDCP"). The units are to be converted on a one-for-one basis and settled in shares upon the reporting person's termination of service as a director of the issuer, or earlier or later upon certain elections.

(4) Represents vested units acquired or deferred under the IR Director Deferred Compensation Plan II (the "DDCP II"). The units are to be converted on a one-for-one basis and settled in shares upon the reporting person's termination of service as a director of the issuer, or earlier or later upon certain elections.

(5) All options have fully vested and are exercisable.

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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