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INGERSOLL-RAND PLC

Reported by

TEIRLINCK DIDIER P

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 04/03/12 for the Period Ending 03/30/12

Telephone	732-652-7000
CIK	0001466258
Symbol	IR
SIC Code	3560 - General Industrial Machinery And Equipment
Industry	Auto & Truck Manufacturers
Sector	Consumer Cyclical
Fiscal Year	12/31

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FORM 4

[ ] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

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

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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(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
Teirlinck Didier P	**Ingersoll-Rand plc [IR]**	
(Last) (First) (Middle) **C/O INGERSOLL-RAND COMPANY, 800-E BEATY STREET**	3. Date of Earliest Transaction (MM/DD/YYYY) **3/30/2012**	_____ Director _____ 10% Owner __ **X** __ Officer (give title below) _____ Other (specify below) **Senior Vice President**
(Street) **DAVIDSON, NC 28036** (City) (State) (Zip)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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	**3/30/2012**		**A**		**101.52** (1)	**A**	**$41.35**	**62189.3**	**D**	
Ordinary Shares (2)								**1368.2**	**I**	**By Plan Trustee**

Table II - Derivative Securities Beneficially Owned (*e.g.* , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Phantom Stock Units	**$0**	**3/30/2012**		**A**		**13.43** (1)		(3)	(3)	**Ordinary Shares**	**13.43**	**$41.35**	**4222.34** (4)	**I**	**By Plan Trustee**

Explanation of Responses:

(1) Reflects acquisition of dividend equivalents paid on Company stock held through Company plans. Dividend equivalents are paid at the same rate and at the same time as dividends are paid to Company shareholders.

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

(3) 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.

(4) Amount represents an approximate number of shares 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.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Teirlinck Didier P **C/O INGERSOLL-RAND COMPANY** **800-E BEATY STREET** **DAVIDSON, NC 28036**			**Senior Vice President**	

Signatures

/s/ S. Wade Sheek - Attorney-in-Fact **4/3/2012**

** Signature of Reporting Person Date

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

***** 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.