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INGERSOLL-RAND PLC

Reported by

WHITE TONY L

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 02/13/12 for the Period Ending 02/10/12

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

OMB APPROVAL
OMB Number: 3235-0287
Expires: November 30, 2011
Estimated average burden hours per response... 0.5

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)
WHITE TONY L (Last) (First) (Middle)	**Ingersoll-Rand plc [IR]**	__ X __ Director _____ 10% Owner
C/O INGERSOLL RAND COMPANY, ONE CENTENNIAL AVENUE (Street)	3. Date of Earliest Transaction (MM/DD/YYYY) **2/10/2012**	_____ Officer (give title below) _____ Other (specify below)
PISCATAWAY, NJ 08854 (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	**2/10/2012**		**M**		**4500**	**A**	**$24.49**	**60652.17**	**D**	
Ordinary Shares	**2/10/2012**		**S**		**4500**	**D**	**$37.8915** (2)	**56152.17**	**D**	

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				
Stock Option (Right to Buy)	**$24.49**	**2/10/2012**		**M**			**4500**	(1)	**4/30/2012**	**Ordinary Shares**	**4500**	**$ 0**	**0**	**D**	

Explanation of Responses:

(1) The options vest in three equal annual installments on the first, second and third anniversaries of the date of grant.

(2) This transaction was executed in multiple trades ranging from $37.891 to $37.892 per share. The price reported above reflects the weighted average purchase price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer, or a security holder of the issuer full information regarding the number of shares and prices at which the transactions were effected.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WHITE TONY L **C/O INGERSOLL RAND COMPANY**	**X**			

ONE CENTENNIAL AVENUE PISCATAWAY, NJ 08854				

Signatures

/s/ S. Wade Sheek - Attorney-in-Fact	**2/13/2012**
** 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.

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