Ingersoll-Rand plc Form 4 April 15, 2011

FORM 4

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

OMB APPROVAL

OMB 3235-0287 Number:

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations may continue. See Instruction

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * WHITE TONY L

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

below)

(Last)

(City)

(First)

(Middle)

(Zip)

Ingersoll-Rand plc [IR] 3. Date of Earliest Transaction

(Month/Day/Year)

04/14/2011

X_ Director Officer (give title

10% Owner Other (specify

C/O INGERSOLL RAND COMPANY, ONE CENTENNIAL **AVENUE**

(Street)

(State)

04/14/2011

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

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

23.22

PISCATAWAY, NJ 08854

1.Title of Security	2. Transaction Date (Month/Day/Year)		
(Instr. 3)		any (Month/Day/Year)	,

4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

6. Ownership 7. Nature of 5. Amount of Securities Form: Direct Indirect Beneficially (D) or Beneficial Owned Indirect (I) Ownership **Following** (Instr. 4) (Instr. 4) Reported

(A) V Amount (D) Price

Code

4,500

M

21,760

Transaction(s) (Instr. 3 and 4)

D

Ordinary

Ordinary

Shares

D 34,022.36

Shares (DDCP) (1)

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)

8. F Der Sec (Ins

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. Transactic Code (Instr. 8)	5. Number on 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)		
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right to Buy)	\$ 23.22	04/14/2011		M	4,500	(2)	05/01/2011	Ordinary Shares	4,500	

Reporting Owners

Relationships

WHITE TONY L C/O INGERSOLL RAND COMPANY ONE CENTENNIAL AVENUE PISCATAWAY, NJ 08854



Signatures

/s/ Kenneth Yi -Attorney-in-Fact 04/15/2011

**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).
- 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.
- (2) The options vested in three equal annual installments on the first, second and third anniversaries of the date of grant.

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.

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