

# 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

<b>1. Name and Address of Reporting Person *</b>  <b>WHITE TONY L</b> <small>(Last) (First) (Middle)</small>  <b>C/O INGERSOLL RAND COMPANY, ONE CENTENNIAL AVENUE</b> <small>(Street)</small>  <b>PISCATAWAY, NJ 08855</b> <small>(City) (State) (Zip)</small>	<b>2. Issuer Name and Ticker or Trading Symbol</b>  <b>Ingersoll-Rand plc [ IR ]</b>  <b>3. Date of Earliest Transaction (MM/DD/YYYY)</b>  <p align="center"><b>2/19/2010</b></p>	<b>5. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b>  <input checked="" type="checkbox"/> Director <span style="float:right">_____ 10% Owner</span> _____ Officer (give title below) <span style="float:right">_____ Other (specify below)</span>  <b>6. Individual or Joint/Group Filing (Check Applicable Line)</b>  <input checked="" type="checkbox"/> Form filed by One Reporting Person _____ Form filed by More than One Reporting Person
<b>4. If Amendment, Date Original Filed (MM/DD/YYYY)</b>		<b>6. Individual or Joint/Group Filing (Check Applicable Line)</b>  <input checked="" type="checkbox"/> 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	2/19/2010		M		4500	A	\$23.31	21760	D	
Ordinary Shares	2/19/2010		S		4500	D	\$33.42	17260 <sup>(1)</sup>	D	
Ordinary Shares (DDCP) <sup>(2)</sup>								33720.87	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)	\$23.31	2/19/2010		M		4500		(3)	5/2/2010	Ordinary Shares	4500	\$0.00	0	D	

**Explanation of Responses:**

- (1) Includes 15,760 shares previously held under the IR Director Deferred Compensation Plan II.
- (2) 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.
- (3) The options vested in three equal annual installments on the first, second and third anniversaries of the date of grant.

**Remarks:**

On July 1, 2009, Ingersoll-Rand plc, an Irish public limited company (the "Company") became the successor of

Ingersoll-Rand Company Limited, a Bermuda company ("IR-Bermuda"), pursuant to scheme of arrangement under Bermuda law, whereby each holder of IR-Bermuda Class A common shares outstanding prior to the effective time of the transaction received, on a one-for-one basis, new ordinary shares of the Company. This transaction did not alter the proportionate interests of the security holders.

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>WHITE TONY L</b> <b>C/O INGERSOLL RAND COMPANY</b>  <b>ONE CENTENNIAL AVENUE</b> <b>PISCATAWAY, NJ 08855</b>	<b>X</b>			

**Signatures**

/s/ Kenneth H. Yi

2/22/2010

Date

\*\* Signature of Reporting Person

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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