

Teirlinck Didier P
Form 4
February 17, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Teirlinck Didier P

(Last) (First) (Middle)

C/O INGERSOLL-RAND
COMPANY, ONE CENTENNIAL
AVENUE

(Street)

PISCATAWAY, NJ 08855

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

Ingersoll-Rand plc [IR]

3. Date of Earliest Transaction
(Month/Day/Year)

02/12/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
Senior Vice President

6. Individual or Joint/Group Filing(Check Applicable Line)

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 Ownership (Instr. 4)
			Code	V	Amount (D) Price		
Ordinary Shares (Restricted Share Units) ⁽¹⁾	02/12/2010		F		1,082 ⁽²⁾ D \$ 0	6,667 ⁽³⁾	D
Ordinary Shares (Performance Shares) ⁽⁴⁾	02/12/2010		F		1,914 ⁽⁵⁾ D \$ 0	0	D
Ordinary Shares						11,285 ⁽⁶⁾	D

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) Restricted Share Units vest in three annual installments beginning on February 12, 2010.
- (2) Represents shares forfeited pursuant to a net settlement procedure for Restricted Share Units.
- (3) Amount reflects the reduction of forfeited net settlement shares as well as the resulting net shares that have vested and are now held directly as ordinary shares by the Reporting Person.
- (4) These shares were granted under the Ingersoll-Rand Performance Share Program and vest one year from the date of grant.
- (5) Represents shares forfeited pursuant to a net settlement procedure for shares granted under the Performance Share Program.
- (6) Includes shares acquired pursuant to a net settlement procedure for the vested Restricted Share Units and Performance Shares.
- (7) Represents target number of Performance Shares. The actual number of shares to be issued, which could range from 0 to two times the initial target amount, will depend upon, among other things, the issuer's financial performance during the relevant performance period relative to S&P 500 Industrial Index. The shares, if any, will be issued in February 2011.
- (8) Represents target number of Performance Shares. The actual number of shares to be issued, which could range from 0 to two times the initial target amount, will depend upon, among other things, the issuer's financial performance during the relevant performance period relative to S&P 500 Industrial Index. The shares, if any, will be issued in February 2012.
- (9) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.

Remarks:

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

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. \$ 30.63 130,086 D Common Stock11/16/2007 M 100 A \$ 16 130,186 D Common Stock11/16/2007 S 100 D \$ 30.62 130,086 D Common Stock11/16/2007 M 100 A \$ 16 130,186 D Common Stock11/16/2007 S 100 D \$ 30.61 130,086 D Common Stock11/16/2007 M 700 A \$ 16 130,786 D Common Stock11/16/2007 S 700 D \$ 30.6 130,086 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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of

Employee									Shares
Stock									
Option	\$ 16	11/16/2007		M	5,000	05/16/2002	05/16/2009	Common Stock	5,000
(Right To Buy)									

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RAINVILLE WILLIAM A KADANT INC. ONE TECHNOLOGY PARK DRIVE WESTFORD, MA 01886	X		Chief Executive Officer	

Signatures

by Sandra L. Lambert for William A.
Rainville

11/20/2007

__Signature of Reporting Person

Date

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Remarks:

THE TRANSACTIONS REPORTED ON THIS FORM 4 WERE EXECUTED PURSUANT TO A RULE 10b5-1 TRADING

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