Teirlinck Didier P Form 4/A September 30, 2011

FORM 4

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

OMB Number:

3235-0287

0.5

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

OMB APPROVAL

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Form 4 or Form 5 obligations may continue.

Section 16.

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

See Instruction

1(b).

(Print or Type Responses)

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

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(First) (Last)

(Middle)

(Zip)

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

(Check all applicable)

C/O INGERSOLL-RAND COMPANY, ONE CENTENNIAL

(Month/Day/Year) 02/28/2011

Director 10% Owner X_ Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check

Senior Vice President

AVENUE

(Street)

(State)

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year) 03/02/2011

X Form filed by One Reporting Person Form filed by More than One Reporting

PISCATAWAY, NJ 08854

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Execution Date, if (Month/Day/Year)

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

Securities Beneficially Owned Following Reported

6. 7. Nature of Ownership Indirect Form: Direct Beneficial (D) or Ownership Indirect (I) (Instr. 4)

(Instr. 4)

(A) Transaction(s) or (Instr. 3 and 4) Price Amount (D)

Ordinary

(City)

Shares 02/28/2011 (EDCP II) (1)

Code V

J

25.918.47 A \$0

25,918.47 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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amou	int of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivative		e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired (A) or						Follo
											Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A 4		
									Amount		
						Date Expiration Exercisable Date	Expiration	on Title	or Name		
							Date		Number		
				C-1- V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Teirlinck Didier P C/O INGERSOLL-RAND COMPANY ONE CENTENNIAL AVENUE PISCATAWAY, NJ 08854

Senior Vice President

Signatures

/s/ S. Wade Sheek -Attorney-in-Fact

09/30/2011

**Signature of Reporting Person

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 Executive Deferred Compensation Plan II (the "EDCP II"). The units are to **(1)** be converted on a one-for-one basis and settled in shares upon the reporting person's termination of employment with the issuer, or earlier or later upon certain elections.

Remarks:

Form 4 amended to report the deferral of additional shares into the Company's Executive Deferred Compensation Plan II. The 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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