#### AVEDON MARCIA J

Form 4

February 17, 2011

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

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January 31, 2005

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**OMB APPROVAL** 

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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

1(b).

Performance Share Units (5)

(Print or Type Responses)

1. Name and Address of Reporting Person * AVEDON MARCIA J		Symbol	2. Issuer Name and Ticker or Trading Symbol Ingersoll-Rand plc [IR]			5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)  C/O INGERSO COMPANY, C AVENUE	(First) (Mid DLL-RAND DNE CENTENN	(Month/Day 02/16/201	•			Director 10% Owner X Officer (give title Other (specif below) Senior Vice President			
	(Street)	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			
PISCATAWA	Y, NJ 08854					Person	lore than One Re	porting	
(City)	(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned						ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)		Code (Instr. 8)	4. Securit onAcquired Disposed (Instr. 3, 4	(A) or of (D)	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)	
Ordinary Shares (Restricted Share Units)	02/16/2011		F	797 (2)	D \$0	12,819 (3)	D		
2009 - 2010 Performance Share Units (4) 2009 - 2011						24,637	D		

24,637

D

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2010 - 2012 Performance Share Units (6)	14,719	D	
2011-2013 Performance Share Units (7)	9,824	D	
Ordinary Shares	5,648 (8)	D	
Ordinary Shares (9)	1,123.72	I	By Plan Trustee
Ordinary Shares (EDCP II) (10)	20,231.5	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

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. Transactic Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	S		7. Title and Amount of Underlying Securities (Instr. 3 and	t of ring es	8. Price of Derivative Security (Instr. 5)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

AVEDON MARCIA J C/O INGERSOLL-RAND COMPANY ONE CENTENNIAL AVENUE PISCATAWAY, NJ 08854

Senior Vice President

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### **Signatures**

/s/ Kenneth Yi -Attorney-in-Fact

02/17/2011

\*\*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).
- (1) Restricted Share Units vest in three (3) equal annual installments beginning on the first anniversary of the date of grant. Upon vesting, each unit is convertible into one (1) ordinary share of the Issuer.
- (2) Represents shares forfeited pursuant to a net settlement procedure under the Restricted Share Program.
- (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.
- Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the initial target amount, will depend upon the Issuer's financial performance during the relevant performance period relative to peer companies in the S&P 500 Industrial Index. The shares, if any, will be issued in the first quarter of 2011.
- Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the initial target amount, will depend upon the Issuer's financial performance during the relevant performance period relative to peer companies in the S&P 500 Industrial Index. The shares, if any, will be issued in the first quarter of 2012.
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- Represents target number of Performance Shares. The actual number of shares to be issued, which could range from zero to two times the initial target amount, will depend upon the Issuer's financial performance during the relevant performance period relative to peer companies in the S&P 500 Industrial Index. The shares, if any, will be issued in the first quarter of 2014.
- (8) Includes the ordinary shares acquired pursuant to the net settlement procedure for the vested Restricted Share Units (described in this filing).
- (9) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.
- Represents vested units acquired or deferred under the IR Executive Deferred Compensation Plan II (the "EDCP II"). The units are to 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.

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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