Ingersoll-Rand plc Form 4 July 23, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

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SECURITIES obligations may continue.

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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading AVEDON MARCIA J Symbol Ingersoll-Rand plc [IR] (Last) (First) (Middle)

(Check all applicable) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 07/22/2013 below) Senior Vice President

Issuer

C/O INGERSOLL-RAND COMPANY, 800-E BEATY STREET

> (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

5. Relationship of Reporting Person(s) to

DAVIDSON, NC 28036

(City)	(State)	(Zip) Tab	le I - Non-I	Derivative	Secur	ities Acqu	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit on(A) or Dia (Instr. 3, 4)	sposed	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	07/22/2013		M	5,000	A	\$ 43.13	90,364.97	D	
Ordinary Shares	07/22/2013		M	10,000	A	\$ 16.85	100,364.97	D	
Ordinary Shares	07/22/2013		S	15,000	D	\$ 62.1 (1)	85,364.97	D	

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

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displays a currently valid OMB control

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)	TransactionDerivative Code Securities		cisable and late '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)	\$ 43.13	07/22/2013		M	5,000	<u>(2)</u>	02/06/2017	Ordinary Shares	5,000	
Stock Option (Right to Buy)	\$ 16.85	07/22/2013		M	10,000	(3)	02/11/2019	Ordinary Shares	10,000	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

AVEDON MARCIA J C/O INGERSOLL-RAND COMPANY 800-E BEATY STREET DAVIDSON, NC 28036

Senior Vice President

Signatures

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

07/23/2013

**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).
- This transaction was executed in multiple trades ranging from \$62.08 to \$62.14 per share. The price reported above reflects the weighted (1) average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer, or a security holder of the issuer full information regarding the number of shares and prices at which the transactions were effected.
- (2) The stock option vests in three (3) equal annual installments beginning on February 7, 2008
- (3) The option vests in three equal annual installments beginning on February 12, 2010.

Reporting Owners 2

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