Ingersoll-Rand plc Form 3 October 08, 2013

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

OMB APPROVAL

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INITIAL STATEMENT OF 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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement Ingersoll-Rand plc [IR] CARTER SUSAN K (Month/Day/Year) 10/02/2013 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O INGERSOLL-RAND (Check all applicable) COMPANY, Â 800-E BEATY

STREET 10% Owner Director (Street) _X__ Officer Other

(give title below) (specify below) Filing(Check Applicable Line) Sr VP and CFO _X_ Form filed by One Reporting Person DAVIDSON, NCÂ 28036 Form filed by More than One

Reporting Person

6. Individual or Joint/Group

(City)

(State) (Zip) Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security 2. Amount of Securities 3. 4. Nature of Indirect Beneficial Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) Form: (Instr. 5)

> Direct (D) or Indirect (I) (Instr. 5)

> > SEC 1473 (7-02)

Â **Ordinary Shares** $15,065 \stackrel{(1)}{=}$ D

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

> Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative 3. Title and Amount of 6. Nature of Indirect 2. Date Exercisable and 4. 5. **Expiration Date** Securities Underlying Beneficial Security Conversion Ownership (Month/Day/Year) (Instr. 4) Derivative Security or Exercise Form of Ownership (Instr. 4) Price of Derivative (Instr. 5) Derivative Security:

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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Stock Option (Right to Buy)	10/01/2016(2)	09/30/2023	Ordinary Shares	3,200	\$ 65.165	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
CARTER SUSAN K						
C/O INGERSOLL-RAND COMPANY	â	â	Sr VP and CFO	â		
800-E BEATY STREET	А	A	A SI VP and CFO	Α		
DAVIDSON, NC 28036						

Signatures

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

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) Includes 14,800 restricted stock units that cliff vest on October 1, 2016
- (2) Stock options cliff vest on October 1, 2016.

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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