Ingersoll-Rand plc
Form 3
October 21, 2015

FORM 3

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 Person *
Â SULTANA KEITH A

(Last) (First) (Middle)

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

(Street)

DAVIDSON,Â NCÂ 28036

(City) (State) (Zip)

2. Date of Event Requiring Statement (Month/Day/Year)
10/12/2015

3. Issuer Name **and** Ticker or Trading Symbol
Ingersoll-Rand plc [IR]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

5. 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 Person

Table I - Non-Derivative Securities Beneficially Owned

1.Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Ordinary Shares	7,024	D	Â
Ordinary Shares	2,995.4745 (1)	I	By Plan Trustee

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

SEC 1473 (7-02)

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

	Date Exercisable	Expiration Date	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	(Instr. 5)
Phantom Stock Units	Â (2)	Â (2)	Ordinary Shares	1,673.1782 (3)	$ 0	I	By Plan Trustee
Stock Option (Right to Buy)	Â (4)	02/21/2023	Ordinary Shares	2,008	$ 41.9062	D	Â
Stock Option (Right to Buy)	Â (5)	02/24/2024	Ordinary Shares	4,607	$ 59.825	D	Â
Stock Option (Right to Buy)	Â (6)	02/02/2025	Ordinary Shares	4,977	$ 67.055	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SULTANA KEITH A C/O INGERSOLL-RAND COMPANY 800-E BEATY STREET DAVIDSON,Â NCÂ 28036	Â	Â	Â Senior Vice President	Â

Signatures

/s/ Sara Walden Brown - Attorney-in-Fact	10/21/2015
**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) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.

(2) These Phantom Stock Units are to be settled in cash equal to the fair market value of ordinary shares multiplied by the number of phantom stock units held upon the reporting person's termination of employment with the issuer.

(3) Amount represents an approximate number of shares based on the total market value of the reporting person's Company stock fund units, as reported by the trustee of the Company supplemental savings plan.

(4) The stock option vests in three (3) equal annual installments beginning on February 22, 2014.

(5) The stock option vests in three (3) equal annual installments beginning on February 25, 2015.

(6) The stock option vests in three (3) equal annual installments beginning on February 3, 2016.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.
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