

Zafari Robert
 Form 4
 September 06, 2012

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN 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 *
 Zafari Robert

(Last) (First) (Middle)

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

(Street)

DAVIDSON, NC 28036

(City) (State) (Zip)

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

3. Date of Earliest Transaction
 (Month/Day/Year)
 09/04/2012

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 or Beneficial Ownership (Instr. 4)	
				Code V	Amount	Price		
Ordinary Shares	09/04/2012		M	13,240	A \$ 32.1825	43,058.22	D	
Ordinary Shares	09/04/2012		M	14,400	A \$ 38.685	57,458.22	D	
Ordinary Shares	09/04/2012		F	21,348	D \$ 46.05	36,110.22	D	
Ordinary Shares	09/05/2012		S	6,292	D \$ 45.44 (1)	29,818.22 (2)	D	
Ordinary Shares (3)						2,324.64	I	By Plan Trustee

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- (2) Includes 4,631 ordinary shares that were previously inadvertently omitted.
- (3) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.
- (4) Stock appreciation rights, which have a ten-year term, became exercisable in three equal annual installments beginning on 02/04/2005.
- (5) Stock appreciation rights, which have a ten-year term, became exercisable in three equal annual installments beginning on 02/02/2006.
- (6) 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.
- (7) 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 compensation plans.

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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