## **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

Number:	3235-0104					
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Estimated average burden hours per						
response	. 0.5					

(Print or Type Responses)

1. Title (Instr. 4

1. Name and Address of Reporting Person <u>*</u> Chao Elaine L.		2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol Ingersoll-Rand plc [IR]					
(Last)	(First)	(Middle)	06/04/2015	4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)		
C/O INGERS	SOLL-RAI	ND						
COMPANY, 800-E BEATY				(Check	k all applicable)			
STREET				X Director	r 10%	Owner		
	(Street)			OfficerOther			6. Individual or Joint/Group	
DAVIDSON, NC 28036			(give title below) (specify below)					
(City)	(State)	(Zin)	<b></b>	. <b>D</b> • 4	• • • •	- D	Reporting Person	
(City)	(State)	(Zip)	Table I - N	Non-Derivat	ive Securit	les Be	neficially Owned	
1.Title of Secur (Instr. 4)	ity		2. Amount o Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr.	*	

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)

e of Derivative Security 4)	Derivative Security 2. Date Exerce Expiration D (Month/Day/Year)					5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	Derivative Security	Security: Direct (D)	

Shares

or Indirect (I) (Instr. 5)

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Chao Elaine L. C/O INGERSOLL-RAND COMPANY 800-E BEATY STREET DAVIDSON, NC 28036	ÂX	Â	Â	Â		
Signatures						
/s/ Sara Walden Brown, Attorney-in-Fact	06/0	08/2015				
**Signature of Reporting Person		Date				

# **Explanation of Responses:**

## No securities are beneficially owned

- \* 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).

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.