BRUTON JOHN Form 3								
February 05, 2010								
FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION				SION	OMB APPROVAL			
		Washington, I	OMB Number:	3235-0104				
INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES					Expires:	January 31, 2005		
S	Section 17(a) of	to Section 16(a) of the the Public Utility Holdi O(h) of the Investment C	ng Company A	Act of 1935 or S		Estimated av burden hours response		
(Print or Type Respons	es)							
Person		2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol Ingersoll-Rand plc [IR]					
(Last) (Firs	t) (Middle)	02/03/2010				Amendment, Date Original d(Month/Day/Year)		
C/O							ĺ	
INGERSOLL-RA CENTENNIAL A	· · · · · · · · · · · · · · · · · · ·			l applicable)				
(Stree	et)		X_ Director Officer	10% Owner Other	6. Individual or Joint/Group			
PISCATAWAY,Â			(give title below)	give title below) (specify below) Fi 		g(Check Applicable Line) Form filed by One Reporting		
(City) (State	e) (Zip)	Table I - N	Non-Derivativ	e Securities Be	eneficia	ally Owned		
1.Title of Security (Instr. 4)		2. Amount of Beneficially			ature of I ership	ndirect Benefi	cial	

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)

Form:

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

SEC 1473 (7-02)

(Instr. 5)

(Instr. 4)

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 (Instr. 4)		4. Conversion or Exercise Price of	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

	Relationships					
Reporting Owner Name / Address	Director 10% Owner Officer		Other			
BRUTON JOHN C/O INGERSOLL-RAND ONE CENTENNIAL AVENUE PISCATAWAY, NJ 08855	ÂX	Â	Â	Â		
Signatures						
By: /s/ Kenneth H. Yi - Attorney-in-Fact	02/05/2010					
**Signature of Reporting Person	Date					
Evelopetion of Dec						

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).

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Remarks:

The Reporting Person does not beneficially own any securities required to be reported herein.

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.