GODSOE PETER C

Form 4

September 30, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * GODSOE PETER C

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Middle)

Ingersoll-Rand plc [IR] 3. Date of Earliest Transaction

(Check all applicable)

(Month/Day/Year) 09/01/2009

_X__ Director 10% Owner Other (specify Officer (give title

C/O INGERSOLL RAND COMPANY, ONE CENTENNIAL **AVENUE**

(First)

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

PISCATAWAY, NJ 08855

| (City) | (State) | Zip) Table | e I - Non-D | erivative S | Securit | ties Acc | quired, Disposed o | of, or Beneficial | lly Owned |
|--------------------------------------|---|---|-------------|---------------|--|--|---|-------------------|-----------|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | Saction Date 2A. Deemed 3. 4. Securities Acque (Day/Year) Execution Date, if any Code (D) (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) | | of | 5. Amount of Securities Beneficially Owned Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | Code V | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | | |
| Ordinary Shares (DDCP) | 09/01/2009 | | A | 400.67 (1) | A | \$0 | 25,586.68 <u>(2)</u> | D | |
| Ordinary Shares (DDCP II) | 09/01/2009 | | A | 176.89 (1) | A | \$0 | 11,296.46 (2) | D | |
| Ordinary Shares | | | | | | | 6,000 (2) | D | |

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

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SEC 1474 (9-02)

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

| 1. Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | cisable and | 7. Title | and | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|------------|------------|-----------------|-------------|-----------|----------|-------------|--------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transacti | onNumber | Expiration Date | | Amoun | it of | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Underly | ying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securit | ies | (Instr. 5) | Bene |
| | Derivative | | | | Securities | | | (Instr. 3 | 3 and 4) | | Own |
| | Security | | | | Acquired | | | | | | Follo |
| | · | | | | (A) or | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | | Ì |
| | | | | | 4, and 5) | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | 1 | Amount | | |
| | | | | | | Date | Expiration | | or | | |
| | | | | | | Exercisable | * | of | Number | | |
| | | | | | | | | | | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Relationships

Reporting Owner Name / Address

Director 10% Owner Other

GODSOE PETER C C/O INGERSOLL RAND COMPANY ONE CENTENNIAL AVENUE PISCATAWAY, NJ 08855

X

Signatures

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

09/30/2011

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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).

Reflects acquisitions of dividend equivalents paid on Company stock held through Company deferred compensation plans from September 1, 2009 to June 30, 2011. The dividends equivalents are paid at the same rate and at the same time as dividends paid to the

- (1) Company's shareholders. Prior to July 1, 2009, acquisitions of dividend equivalents were exempt from reporting pursuant to Rule 16a-11 under the Securities Exchange Act of 1934 (the "Act"). On July 1, 2009, the Company became the successor of Ingersoll-Rand Company Limited, a Bermuda company ("IR-Bermuda"), and in connection therewith, IR Bermuda's dividend reinvestment plan was terminated. A similar report is being filed for all Section 16 officers and directors who participate in Company deferred compensation plans.
- (2) Reflects total ownership as of the date of this filing.

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

Reporting Owners 2

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