

FORM 4

[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

| | | |
|---|--|--|
| 1. Name and Address of Reporting Person * | 2. Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |
| Forsee Gary D | Ingersoll-Rand plc [IR] | <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner |
| (Last) (First) (Middle) | 3. Date of Earliest Transaction (MM/DD/YYYY) | <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |
| C/O INGERSOLL-RAND COMPANY, 800-E BEATY STREET | 2/25/2014 | |
| (Street) | 4. If Amendment, Date Original Filed (MM/DD/YYYY) | 6. Individual or Joint/Group Filing (Check Applicable Line) |
| DAVIDSON, NC 28036 | | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| (City) (State) (Zip) | | <input type="checkbox"/> 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. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. 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 Beneficial Ownership (Instr. 4) |
|------------------------------------|-------------------|---|---------------------------------|--|---|--|---|
| | | | Code V | Amount (A) or (D) Price | | | |
| Ordinary Shares | 2/25/2014 | | A | 2382 (1) A \$0 | 24685 | D | |

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

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|-------------------|---|---------------------------------|--|--|--|---|--|--|--|
| | | | | Code V | (A) (D) | Date Exercisable Expiration Date | Title Amount or Number of Shares | | | | |

Explanation of Responses:

(1) Represents restricted stock units that vest in three (3) equal annual installments beginning on February 25, 2015.

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Forsee Gary D C/O INGERSOLL-RAND COMPANY 800-E BEATY STREET DAVIDSON, NC 28036 | X | | | |

Signatures

/s/ Sara Walden Brown, Attorney-in-Fact

2/27/2014

** Signature of Reporting Person

Date

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

* 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).

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

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.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS that the undersigned hereby constitutes and appoints Robert L. Katz, Evan M. Turtz and Sara Walden Brown, and each of them severally, the undersigned's true and lawful attorneys and agents, with power to act with or without the other, to execute and file with the Securities and Exchange Commission, on behalf of the undersigned, any forms required to be filed by the undersigned pursuant to Rule 144 under the Securities Act of 1933 or pursuant to regulations under Section 16 of the Securities Exchange Act of 1934 in connection with transactions engaged in or to be engaged in by the undersigned in securities of Ingersoll-Rand Public Limited Company, a company formed in Ireland, and any and all amendments to such forms, and any and all instruments or documents filed as a part of or in connection with such forms and amendments; and the undersigned hereby ratifies and confirms all that said attorneys and agents and each of them shall do or cause to be done by virtue hereof. This Power of Attorney shall remain in effect until revoked or modified.

IN WITNESS WHEREOF the undersigned has subscribed these presents this 6th day of December, 2013.

/s/ Gary D. Forsee
Gary D. Forsee