Kuehn Christopher J Form 4 February 09, 2018

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

OMB APPROVAL

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(City)

(State)

(Zip)

(Print or Type Responses)

| 1. Name and Address of Reporting Person ** Kuehn Christopher J | | | 2. Issuer Name and Ticker or Trading Symbol Ingersoll-Rand plc [IR] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | |
|--|-------------------------|---|--|---|--|--|--|
| (Last) | (Last) (First) (Middle) | | 3. Date of Earliest Transaction | (Check all applicable) | | | |
| C/O INGERSOLL-RAND COMPANY, 800-E BEATY STREET | | _ | (Month/Day/Year) 02/07/2018 | Director 10% Owner X Officer (give title Other (specify below) | | | |
| | (Street) | | 4. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person | | | |
| DAVIDSON, NC 28036 | | | | Form filed by More than One Reporting Person | | | |

| | | 1401 | ione I from Derivative Securities required, Disposed of, or Denementary Owned | | | | | | |
|--------------------|---------------------|--------------------|---|-----------|--------|--------------|------------------|--------------|--------------|
| 1.Title of | 2. Transaction Date | 2A. Deemed | 3. | 4. Securi | ties A | cquired | 5. Amount of | 6. Ownership | 7. Nature of |
| Security | (Month/Day/Year) | Execution Date, if | Transaction(A) or Disposed of (D) | | | | Securities | Form: Direct | Indirect |
| (Instr. 3) | | any | Code (Instr. 3, 4 and 5) | | | Beneficially | (D) or | Beneficial | |
| | | (Month/Day/Year) | (Instr. 8) | | | | Owned | Indirect (I) | Ownership |
| | | | | | | | Following | (Instr. 4) | (Instr. 4) |
| | | | | | () | | Reported | | |
| | | | | | (A) | | Transaction(s) | | |
| | | | C 1 W | | or | ъ. | (Instr. 3 and 4) | | |
| | | | Code V | Amount | (D) | Price | | | |
| Ordinary Shares | 02/07/2018 | | F | 164 | D | \$ 92.38 | 15,748 | D | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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

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| | 2. | 3. Transaction Date | | 4. | 5. | 6. Date Exerc | | 7. Titl | | 8. Price of | 9. Nu |
|--------------------------------------|---|---------------------|---|--------------------------------|--|---------------------|--------------------|------------------------------------|--|--------------------------------------|---|
| Derivative Security (Instr. 3) | Conversion or Exercise Price of Derivative Security | (Month/Day/Year) | Execution Date, if any (Month/Day/Year) | Transact Code (Instr. 8) | orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | : | | Amou Under Securi (Instr. | lying | Derivative Security (Instr. 5) | Deriv Secur Bene Own Follo Repo Trans (Instr |
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|---|---------------|-----------|-----------------------------------|-------|--|--|--|
| . 9 | Director | 10% Owner | Officer | Other | | | |
| Kuehn Christopher J C/O INGERSOLL-RAND COMPANY 800-E BEATY STREET DAVIDSON, NC 28036 | | | Vice President & Controller | | | | |

Signatures

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

02/09/2018

**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).

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.

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