

Ingersoll-Rand plc
 Form 4
 February 27, 2014

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2015
 Estimated average burden hours per response... 0.5

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

STATEMENT OF CHANGES IN 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

(Print or Type Responses)

1. Name and Address of Reporting Person *
PELTZ NELSON

(Last) (First) (Middle)
 280 PARK AVENUE, 41ST FLOOR
 (Street)

NEW YORK, NY 10017

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
Ingersoll-Rand plc [IR]

3. Date of Earliest Transaction (Month/Day/Year)
 02/25/2014

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 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. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction 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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| Ordinary Shares | 02/25/2014 | | A | V 2,382 (1) | A \$ 0 2,382 | D | |
| Ordinary Shares | | | | | 11,977,676 | I (2) (3) | Please see explanation below (2) (3) |

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 Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction 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 (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Beneficially (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|---------------------|
| | Director | 10% Owner | Officer | Other |
| PELTZ NELSON 280 PARK AVENUE 41ST FLOOR NEW YORK, NY 10017 | X | | | |
| TRIAN FUND MANAGEMENT, L.P. 280 PARK AVENUE 41ST FLOOR NEW YORK, NY 10017 | X | | | less than 10% owner |

Signatures

Stacey L. Sayetta, Attorney-in-fact for Nelson Peltz 02/27/2014
**Signature of Reporting Person Date

Stacey L. Sayetta, Attorney-in-Fact for Peter W. May, member of the general partner of Trian Fund Management, L.P. 02/27/2014
**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).

(1) Represents restricted stock units that fully vest on February 25, 2015.

(2) Trian Fund Management, L.P. ("Trian Management") serves as the management company for Trian Partners, L.P. ("Trian Onshore"), Trian Partners Master Fund, L.P. ("Trian Offshore"), Trian Partners Parallel Fund I, L.P. ("Parallel Fund I"), Trian Partners Master Fund (ERISA), L.P., ("Trian ERISA"), Trian Partners Strategic Investment Fund, L.P. ("TPSIF"), Trian Partners Strategic Investment Fund-A, L.P. ("Strategic Fund-A"), Trian Partners Strategic Co-Investment Fund-A, L.P. ("Coinvest Fund-A"), Trian IR Holdco Ltd. ("IR Holdco"), Trian SPV (SUB) VI, L.P. ("SPV VI") and Trian SPV (SUB) VI-A, L.P. ("SPV VI-A" and collectively, the "Trian Entities") and as such determines the investment and voting decisions of the Trian Entities with respect to the shares of the Issuer held by them.

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(FN 2, contd.) Mr. Peltz is a member of Trian Fund Management GP, LLC, which is the general partner of Trian Management, and therefore is in a position to determine the investment and voting decisions made by Trian Management on behalf of the Trian Entities. Accordingly, Mr. Peltz may be deemed to indirectly beneficially own (as that term is defined in Rule 13d-3 under the Securities Exchange Act of 1934) the shares beneficially owned by the Trian Entities. The Reporting Persons disclaim beneficial ownership of such shares except to the extent of their respective pecuniary interests therein and this report shall not be deemed an admission that the Reporting Persons are the beneficial owner of such securities for purposes of Section 16 or for any other purpose. Mr. Peltz is a director of the Issuer.

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.