

# 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 *<br><b>HUDSON LINDA P</b><br>(Last) (First) (Middle)<br><b>C/O INGERSOLL-RAND<br/>COMPANY, 800-E BEATY STREET</b><br>(Street)<br><b>DAVIDSON, NC 28036</b><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><b>Ingersoll-Rand plc [ IR ]</b> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director<br><input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer (give title below)<br><input type="checkbox"/> Other (specify below) |
| 3. Date of Earliest Transaction (MM/DD/YYYY)<br><b>6/8/2017</b>                                                                                                                                                             |                                                                                 |                                                                                                                                                                                                                                                                           |
| 4. If Amendment, Date Original Filed (MM/DD/YYYY)                                                                                                                                                                           |                                                                                 | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><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<br>(Instr. 3)                                               | 2. Trans. Date | 2A. Deemed<br>Execution<br>Date, if any | 3. Trans. Code<br>(Instr. 8) |   | 4. Securities Acquired (A)<br>or Disposed of (D)<br>(Instr. 3, 4 and 5) |               |       | 5. Amount of Securities Beneficially Owned<br>Following Reported Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr.<br>4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|                                                                                  |                |                                         | Code                         | V | Amount                                                                  | (A) or<br>(D) | Price |                                                                                                     |                                                                         |                                                                   |
| Ordinary Shares                                                                  | 6/8/2017       |                                         | A                            |   | 1620 (1)                                                                | A             | \$0   | 3817                                                                                                | D                                                                       |                                                                   |
| Ordinary Shares                                                                  |                |                                         |                              |   |                                                                         |               |       | 80                                                                                                  | I                                                                       | Held by<br>Trust                                                  |

| 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 |                                                                                        |                                         |  | Date Exercisable                                                                  | Expiration Date |                                            |                                                                                                    |                                                                                  |                                                        |

#### Explanation of Responses:

(1) Represents restricted stock units that fully vest on June 8, 2018.

#### Reporting Owners

| Reporting Owner Name / Address                                                           | Relationships |           |         |       |
|------------------------------------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                                                          | Director      | 10% Owner | Officer | Other |
| HUDSON LINDA P<br>C/O INGERSOLL-RAND COMPANY<br>800-E BEATY STREET<br>DAVIDSON, NC 28036 | X             |           |         |       |

#### Signatures

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

6/9/2017

\*\* 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.