FORM 4

### **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

| OMB | APP | RO\ | /AI |
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#### Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| 10b5-1(c). Se                                       | e Instruction 10. |       |  |  |  |  |  |  |
|---|-------------------|-------|--|--|--|--|--|--|
| Name and Address of Reporting Person*  Thames Bruce |                   |       | 2. Issuer Name and Ticker or Trading Symbol Thermon Group Holdings, Inc. [ THR ] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)            |  |  |  |  |
| (Last) (First) (Middle) 7171 SOUTHWEST PARKWAY      |                   |       | 3. Date of Earliest Transaction (Month/Day/Year) 05/14/2024                      | X Director 10% Owner  X Officer (give title Other (specify below)  President & CEO |  |  |  |  |
| BUILDING 300, SUITE 200                             |                   |       | 4. If Amendment, Date of Original Filed (Month/Day/Year)                         | 6. Individual or Joint/Group Filing (Check Applicable Line)                        |  |  |  |  |
| (Street) AUSTIN                                     | TX                | 78735 |  | X Form filed by One Reporting Person Form filed by More than One Reporting Person  |  |  |  |  |
| (City)  | (State)           | (Zip) |  |  |  |  |  |  |

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

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Transaction Code (Instr. |   | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 and 5) |   |            | Securities<br>Beneficially Owned<br>Following Reported | Form: Direct (D) | Beneficial<br>Ownership |
|---------------------------------|--|---|--------------------------|---|--|---|------------|--|------------------|-------------------------|
|                                 |  |   | Code                     | v | Amount (A) or (D)  |   | Price      | Transaction(s)<br>(Instr. 3 and 4)                     |                  | (Instr. 4)              |
| Common Stock                    | 05/14/2024                                 |   | A                        |   | 34,650(1)  | A | \$0        | 292,835  | D                |                         |
| Common Stock                    | 05/14/2024                                 |   | A                        |   | 24,865(2)  | A | \$0        | 317,700  | D                |                         |
| Common Stock                    | 05/14/2024                                 |   | F                        |   | 23,418(3)  | D | \$34.15(4) | 294,282(5)   | D                |                         |

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

| 1. Title of<br>Derivative<br>Security (Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | <br>3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transac<br>Code (Ir<br>8) |  | Derivat<br>Securit<br>Acquire<br>or Disp | Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                     | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security<br>(Instr. 3 and 4) |       | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported | Form:<br>Direct (D) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |  |
|--|---|---|---------------------------------|--|--|--|-----|--|---------------------|--|-------|--|---------------------|--|--|--|
|  |   |   |                                 |  | Code                                     | v  | (A) | (D)  | Date<br>Exercisable | Expiration<br>Date   | Title | Amount<br>or<br>Number<br>of Shares  |                     | Transaction(s)<br>(Instr. 4)                                       |  |  |

### Explanation of Responses:

- 1. On June 1, 2021, the reporting person was granted a performance unit award vesting on March 31, 2024, subject to the Issuer's compensation committee certifying the Issuer's adjusted earnings before interest, taxes, depreciation and amortization during the applicable performance period as further specified in the equity award agreement. Of the 25,604 target shares eligible to be earned based upon the Issuer's performance period ended March 31, 2024, the reporting person actually earned approximately 135%, or 34,650 shares. The Issuer's compensation committee certified the achievement of the performance goal on May 14, 2024.
- 2. On June 1, 2021, the reporting person was granted a performance unit award vesting on March 31, 2024, subject to the Issuer's compensation committee certifying the Issuer's relative total shareholder return during the applicable performance period as further specified in the equity award agreement. Of the 15,457 target shares eligible to be earned based upon the Issuer's performance period ended March 31, 2024, the reporting person actually earned approximately 161%, or 24,865 shares. The Issuer's compensation committee certified the achievement of the performance goal on May 14, 2024.
- 3. These shares were surrendered for tax payment upon the release of shares in satisfaction of performance stock units following certification by the Issuer's compensation committee of the achievement of the performance goal specified in the applicable equity award agreement on May 14, 2024.
- 4. Sales price is the fair market value on Tuesday, May 14, 2024.
- 5. Includes 48,249 restricted stock units held by the reporting person.

#### Remarks:

/s/ Ryan Tarkington, Attorney-in-Fact 05

05/16/2024

\*\* 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 Number.