| FORM           | 4     |
|----------------|-------|
| Check this box | if no |

| 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

| (Print or Type Responses)   | son *  | 2 Issuer Name a  | nd Ticker o    | r Trod   | ing Sum   | nol  |   | 5. Rela  | tionship   | of Reporting                                | Person(s)                | ) to Issuer  |               |
|---|--|--|----------------|--|---|--|---|--|--|---|--------------------------|--|---------------|
| 1. Name and Address of Reporting Person –<br>ALEXANDER GEORGE P   |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br>Thermon Group Holdings, Inc. [THR]   |                |  |   |  |   |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner |   |                          |  |               |
| (Last) (First)<br>100 THERMON DRIVE   | 3. Date of Earliest Transaction (Month/Day/Year)<br>02/08/2013 |  |                |  |   | X O  | X Officer (give title below) Other (specify below)<br>EVP - Global Sales  |  |  |   |                          |  |               |
| (Street)  |  | 4. If Amendment, Date Original Filed(Month/Day/Year)   |                |  |   |  | 6. Individual or Joint/Group Filing(Check Applicable Line)<br>_X_Form filed by One Reporting Person<br>Form filed by More than One Reporting Person |  |  |   |                          |  |               |
| SAN MARCOS, TX 78666<br>(City) (State)  | (Zip)  | Table I - Non-Derivative Securities Acqui  |                |  |   |  |   |  |  |   |                          |  |               |
| 1.Title of Security 2. Transaction   (Instr. 3) Date   (Month/Day/Ver 1.100000000000000000000000000000000000                  |  | 2A. Deemed<br>Execution Date, if<br>any  | 3. Transaction |  | 4. Securities Acquired<br>(A) or Disposed of (D)<br>(Instr. 3, 4 and 5) |  |   | 5. Amount of Securities Beneficially<br>Owned Following Reported<br>Transaction(s) |  |   | 6.<br>Ownership<br>Form: | 7. Nature of<br>Indirect<br>Beneficial                             |               |
|   | (Month/Day/Year)   |  | Code V         |  | (A) or  |  |   | (Instr. 3 and 4)   |  |   |                          |  | Ownership     |
| Common Stock (1)  | 02/08/2013   |  | S              |  | 8,043   | D  | \$<br>21.98<br>(2)  | 72,379   |  |   | D                        |  |               |
| Common Stock (1)  | 02/08/2013   |  | S              |  | 8,043   | D  | \$<br>21.98<br>(2)  | 72,379   |  |   | I                        | by spouse  |               |
| Common Stock (1)  | 02/08/2013   |  | S              |  | 8,043   | D  | \$<br>21.98<br>(2)  | 72,379   |  |   | I                        | by Self,<br>as Trustee<br>for the<br>Bridget<br>Alexander<br>Trust |               |
| Common Stock (1)  | 02/08/2013   |  | S              |  | 5,874   | D  | \$<br>21.98<br>(2)  | 78,603   |  |   | I                        | by the<br>George<br>Alexander<br>Trust                             |               |
| Common Stock (3)  |  |  |                |  |   |  |   | 13,941   | l  |   |                          | D  |               |
| Reminder: Report on a separate line for   |  | beneficially owned of the security of the security of the security of the security (e.g., puts, calls, where the security of t | ties Acqui     | Pers<br>in th<br>disp<br>red, D  | sons wh<br>his form<br>plays a c  | are no<br>current  | ot requir<br>ly valid<br>eneficial  | ed to re<br>OMB co   | spond u<br>ontrol n  | f informatio<br>unless the f<br>umber.      |                          | ined SEC   | C 1474 (9-02) |
| 1. Title of<br>Derivative 2. 3. Transact   Security Conversion Date   (Instr. 3) Price of<br>Derivative<br>Security (Month/Da | Execution Date   | 4. 5.<br>if Transaction of<br>Code Dec<br>(Instr. 8) Se<br>Ac<br>(A<br>Di<br>of<br>(In   | Number 6.<br>E | umber 6. Date Exercisable and<br>Expiration Date 7. 7<br>Arr   ivative<br>urities (Month/Day/Year) Un   or<br>ososed 0) In |   | nderlying<br>ecurities<br>nstr. 3 and 4)<br>Security<br>(Instr. 5)<br>Security<br>(Instr. 5)<br>Benefic<br>Owned<br>Followin<br>Reporte<br>Transac |   | Derivative<br>Securities<br>Beneficial   | e Owner<br>Form of<br>Ily Deriva<br>Securi<br>g Direct<br>or Indi                                | tive Owners<br>ty: (Instr. 4<br>(D)<br>rect |                          |  |               |
|   |  | Code V (A  | E              | ate<br>xercisa   |   | Expirat<br>Date  | ion Ti  | itle   | Amount<br>or<br>Number<br>of<br>Shares   |   |                          |  |               |

Common

Stock

Common

Stock

8,000

13,941

(5)

8,000

13,941

D

D

05/04/2013<sup>(4)</sup> 05/04/2021

<u>(5)</u>

<u>(5)</u>

|   | Relationships |           |                    |       |  |  |  |  |
|---|---------------|-----------|--------------------|-------|--|--|--|--|
| Reporting Owner Name / Address                                  | Director      | 10% Owner | Officer            | Other |  |  |  |  |
| ALEXANDER GEORGE P<br>100 THERMON DRIVE<br>SAN MARCOS, TX 78666 |               |           | EVP - Global Sales |       |  |  |  |  |
|   |               |           |                    |       |  |  |  |  |

## Signatures

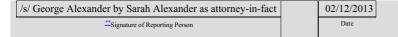
Stock Option

Buy)

(Right to

Performance Units \$ 12

\$ 0



## **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) Transactions pursuant to a Rule 10b5-1 Plan.

performance and 200% at maximum performance.

- (2) This represents the weighted average sale price. Reporting person will, upon request, supply the SEC Staff, the Issuer or a securityholder of the Issuer full information regarding the number of shares sold at each separate price.
- (3) On August 2, 2012, the reporting person was granted 13,941 restricted stock units which vest in equal annual installments on each of the first, second and third anniversaries of the grant date.
- (4) Options vest in equal annual installments on May 4, 2013, 2014, 2015 and 2016.
- On August 2, 2012, the reporting person was granted a performance unit award of 13,941 shares, which will vest in annual installments on March 31, 2013, March 31, 2014 and March 31, 2015 only upon the Issuer's achievement of predetermined total shareholder return goals. The number of shares reflected on this filing represents the target award. The actual number of shares that may vest depends on the Issuer's actual performance relative to its peer group and ranges from 0% below threshold performance, 50% at threshold performance, 100% at target

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.