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

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**FORM 8-A**

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR 12(g) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

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**THERMON GROUP HOLDINGS, INC.**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State of incorporation or organization)

**27-2228185**  
(I.R.S. Employer Identification No.)

**100 Thermon Drive**  
**San Marcos, Texas**  
(Address of principal executive offices)

**78666**  
(Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act:

<b>Title of each class to be so registered</b>	<b>Name of each exchange on which each class is to be registered</b>
<b>Common Stock, par value \$0.001 per share</b>	<b>New York Stock Exchange</b>

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If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box.

Securities Act registration statement file number to which this form relates: **333-172007**

Securities to be registered pursuant to Section 12(g) of the Act: **None**

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**INFORMATION REQUIRED IN REGISTRATION STATEMENT**

**Item 1. Description of Registrant's Securities to be Registered.**

Thermon Group Holdings, Inc. (the "Registrant") is registering shares of its common stock, par value \$0.001 per share, pursuant to a Registration Statement on Form S-1, File No. 333-172007, that was originally filed with the Securities and Exchange Commission on February 2, 2011, as most recently amended on April 19, 2011 (as it may be amended after the date hereof, the "Registration Statement") for the initial public offering of the Registrant's common stock. The description of the common stock set forth in the section entitled "Description of Capital Stock" in the prospectus forming a part of the Registration Statement, including any prospectus relating thereto filed subsequently pursuant to Rule 424(b) of the Securities Act of 1933, as amended, is hereby deemed to be incorporated by reference into this Registration Statement on Form 8-A in accordance with the Instruction to Item 1 of this Form.

**Item 2. Exhibits.**

Pursuant to the Instructions as to Exhibits with respect to Form 8-A, no exhibits are required to be filed because no other securities of the Registrant are registered on the New York Stock Exchange and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

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**SIGNATURE**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

**THERMON GROUP HOLDINGS, INC.**

Date: April 28, 2011

By:           /s/ George P. Alexander          

Name: George P. Alexander

Title: Executive Vice President, Global Sales

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