



UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

DIVISION OF  
CORPORATION FINANCE

Mail Stop 3030

February 23, 2016

Via E-mail

Mr. Jay Peterson  
Chief Financial Officer  
Thermon Group Holdings, Inc.  
100 Thermon Drive  
San Marcos, Texas 78666

**Re: Thermon Group Holdings, Inc.**  
**Form 10-K for the fiscal year ended March 31, 2015**  
**Filed June 1, 2015**  
**File No. 001-35159**

Dear Mr. Peterson:

We have completed our review of your filings. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filings and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings to be certain that the filings include the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Martin James

Martin James  
Senior Assistant Chief Accountant  
Office of Electronics and Machinery