



DIVISION OF  
CORPORATION FINANCE

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

May 12, 2015

Antonio J. Pietri  
President and Chief Executive Officer  
Aspen Technology Inc.  
20 Crosby Drive  
Bedford, Massachusetts 01730

**Re: Aspen Technology Inc.**  
**Form 10-K for the fiscal year ended June 30, 2014**  
**Filed August 13, 2014**  
**Form 10-Q for the quarterly period ended December 31, 2014**  
**Filed January 28, 2015**  
**File No. 001-34630**

Dear Mr. Pietri:

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/ Craig D. Wilson

Craig D. Wilson  
Sr. Asst. Chief Accountant