



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

DIVISION OF
CORPORATION FINANCE

Mail Stop 4631

January 29, 2018

Via E-mail

Mr. David K. Wells
Chief Financial Officer
Applied Industrial Technologies, Inc.
One Applied Plaza
Cleveland, Ohio 44115

**Re: Applied Industrial Technologies, Inc.
Form 10-K for Fiscal Year Ended June 30, 2017
Filed August 18, 2017
File No. 1-02299**

Dear Mr. Wells:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

/s/ Terence O'Brien

Terence O'Brien
Accounting Branch Chief

Office of Manufacturing and
Construction