

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

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