



DIVISION OF
CORPORATION FINANCE

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

August 16, 2010

R. Adam Norwitt
Chief Executive Officer
Amphenol Corporation
358 Hall Avenue
Wallingford, CT 06492

Re: Amphenol Corporation
Form 10-K for the Year Ended December 31, 2009
Filed February 23, 2010
File No. 001-10879

Dear Mr. Norwitt:

We have completed our review of your filings and do not have any further comments at this time.

Sincerely,

Brian Cascio
Accounting Branch Chief

cc: Edward C. Wetmore - Vice President, Secretary and General Counsel