NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

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April 2, 2002

Mr. Bernard P. Orlan
Director, Environmental Health & Safety
New York City Board of Education
28-11 Queens Plaza North
Long Island City, NY 11101-4008

Re: **Air Sampling for Silica**
High School of Economics and Finance (M833)
100 Trinity Place
New York, New York
ATC Project No. 15-19125-0291

Dear Mr. Orlan:

ATC Associates Inc. (ATC) is pleased to provide this report of the results of air sampling for silica-containing dust conducted on March 9, 2002, at the referenced school. The New York City Board of Education (BOE) requested this monitoring to evaluate possible contamination in the building.

Scope of Work

ATC collected three (3) samples for respirable dust using pre-weighed 37mm PVC filters connected to size-selective cyclones to remove the larger (non-respirable) particles prior to deposition on the filters. All of the samples were collected indoors. The samples (and one blank) were sent to PSC Analytical Services, Inc., an American Industrial Hygiene Association accredited laboratory in Reading, PA. Analysis for silica was performed by x-ray diffraction according to OSHA Method 142. A copy of the analytical report is attached.

Tenzin Namgyal and Wagdi Abdelshahid, Industrial Hygienists of ATC's New York City office, collected the samples consistent with generally accepted industrial hygiene practices. As with all such sampling, there were inherent limitations created by constraints of time, operational and work practice variability, variations in air contaminant concentrations and sampling and analytical accuracy. The results of the sampling represent conditions found on the date the samples were collected.

Results

Samples were obtained in the following locations: 1st floor Main Lobby, 5th floor by the elevator and 10th floor by Stair B.

The results of all of the samples were reported to be ***below the detection limit*** for silica (<10.0 micrograms per sample).

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It is our pleasure to provide these indoor air consultative services to the New York City Board of Education. If you have any questions about this report, please contact me at (212) 353-8280, extension 212.

Sincerely,
ATC Associates, Inc.

James R. Cohn, CIH, CSP
Regional Manager
Industrial Hygiene Division

Attachment