NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

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September 13, 2002

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

Re: Air Sampling for Silica
P. S. 126M
ATC Project No. 15-19125-0343

Dear Mr. Orlan:

ATC Associates Inc. (ATC) is pleased to provide this report of the results of air monitoring for silica-containing dust conducted on August 29, 2002, at the referenced school. The New York City Department of Education (DOE) requested this monitoring prior to the resumption of classes to verify that acceptable indoor air quality is being maintained.

Scope of Work

ATC collected a total of five (5) samples (and one blank) 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 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.

Wagdi Abdelshahid, Industrial Hygienist and Jimmy Choy, Environmental Technician 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 dates the samples were collected.

Results

Samples were obtained in the following locations: 1st floor Main Lobby, 2nd floor hallway by Room 235, 3rd floor hallway by Room 317, 4th floor hallway by Room 435 and 4th floor hallway by Room 405.

The results of all of the samples were ***below the detection limit*** for silica (<5 micrograms per sample).

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It is our pleasure to provide these indoor air consultative services to the New York City Department of Education. If you have any questions about this report, please call (212) 353-8280, extension 370 or 212.

Sincerely,
ATC Associates, Inc.

Tenzin Namgyal
Industrial Hygienist

Reviewed by:

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

Attachment

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