NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

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June 17, 2002

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

Re: Air Sampling for Silica Dust
Stuyvesant High School
ATC Project No. 15-19125-0246

Dear Mr. Orlan:

ATC Associates, Inc. (ATC) is pleased to provide this report of air sampling for silica-containing dust conducted on April 24, May 1, May 8 and May 15, 2002, at the referenced school. The New York City Board of Education (BOE) requested this sampling at the recommendation of H. A. Bader, a consultant to the parents association.

Scope of Work

ATC collected twelve (12) samples on each day 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. Eleven (11) samples were collected inside the building and one sample was collected outdoors. The samples were sent to PSC Analytical Services, Inc., an American Industrial Hygiene Association accredited laboratory in Reading, PA. One blank filter was also submitted on each day. Analysis was performed by x-ray diffraction according to OSHA Method 142. Copies of the analytical laboratory reports are attached.

Tenzin Namgyal and Wagdi Abdelshahid, Industrial Hygienists from ATC's New York City office, conducted the sampling consistent with accepted industrial hygiene practices. The results represent the conditions on the days the samples were collected.

On all four days, the following locations were sampled: 1st Floor Main Lobby, Auditorium, Pool, 2nd Floor Main Lobby, 3rd Floor Gym and Outdoors.

On April 24, the following locations were sampled: 5th floor hallway, 6th floor hallway, Room 801, Room 838 and Room 611.

On May 1, the following locations were sampled: 4th floor hallway, 6th floor hallway, Room 440, Room 505 and Room 601.

On May 8, the following locations were sampled: 4th floor hallway, 8th floor hallway, Room 515, Room 601 and Room 838.

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On May 15, the following locations were sampled: 4th floor hallway, 6th floor hallway, Room 501, Room 636 and Room 639.

Results

Silica was not found above the limits of detection in any of the samples.

ATC appreciates the opportunity to provide this indoor air quality consultative service to the BOE. Please call me at (212) 353-8280 extension 212 if you have any questions.

Sincerely,
ATC Associates, Inc.

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

Attachments

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