

**FITERMAN HALL-30 WEST BROADWAY, NEW YORK, NY
SCAFFOLD WORK PLAN AMENDMENT FORM**

DATE FORM SUBMITTED: 07/18/2007

Title Regulatory Submittal Part I(S): Scaffold Erection Operation Work Plan Remediation and Deconstruction of Fiterman Hall, 30 West Broadway, New York, NY March 16th, 2007.

AMENDMENT #7

Date Implemented: July 07

In order to complete the remediation of the operable window mechanisms it will be necessary to enter the Building to install critical barriers over the operable windows. The cleaning of the operable window mechanisms will be performed from the outside as the scaffold rises up the facade of the Building so that working platforms will be in place to access the windows.

The procedure will be performed as follows:

- Asbestos air sampling will be conducted by the Owner's Environmental Consultant outside the building on the scaffold on the perimeter of the active window cleaning work areas established by the Contractor. The number and location of samples will be determined by the Site Hygienist based on the number, location and configuration of the work area(s).
- The cleaning of windows and operable mechanisms will be performed by NYS DOL and NYC DEP certified asbestos handlers utilizing proper PPE.
- PPE for the cleaning of operable window mechanisms shall be: disposable coverall suits with hoods, half-face APR equipped with P100 filter cartridges, nitrile gloves, safety goggles, work boots, rubber boot covers, hard hats and hearing protection (only if noise levels exceed OSHA decibel limits).
- The existing decontamination unit at the northwest entrance to the 1st Floor will be used for interior window related decontamination activities.
- The existing remote decontamination unit on the Greenwich Street side of the Building will be used for exterior window related decontamination activities.
- The affected windows are awning type windows that have an operable middle section which opens outward. The cleaning of operable window mechanisms shall

occur on no more than three (3) floors at the same time. This operation is being limited in number to a manageable amount so that windows that are not scheduled for cleaning are not left unlatched or unsecured.

- The cleaning of windows and operable mechanisms will coincide with the installation of scaffolding on the exterior of the Building in order to provide a working platform from which to access the operable mechanisms.
- A separation of twenty-five feet (25') between asbestos and non-asbestos trades will be observed during the cleaning of the operable window mechanisms. This separation of trades will be defined by asbestos "caution" tape at the edge of the restricted work area, and another strip of asbestos "caution" tape maintained at the twenty five foot (25') buffer line demarcating, respectively, the abatement work area and the buffer zone.
- Workers will enter the building to clean the interior surface of the operable section of each window will be cleaned via HEPA vacuuming and wet wiping prior to the installation of critical barriers. The installation of critical barriers will proceed from the affected floor upwards. Cleaning materials will be disposed of as asbestos wastes at a minimum or in accordance with any waste characterization testing deemed necessary by the Owner's Environmental Consultant.
- After interior cleaning is completed, windows will be left closed but unlatched to allow for the cleaning of the operable mechanism from the Building exterior. Critical barriers will be installed over the operable section of each window in order to prevent air transfer between the interior of the Building and the outside environment during cleaning activities. The inoperable fixed sections of the windows will not be sealed because there is no air transfer with the outside environment through these sections.
- The installation of critical barriers over all operable sections of windows on a given floor will be completed prior to the commencement of operable window mechanism cleaning activities on that floor. The installation of critical barriers will proceed from the lowest affected floor upwards.
- Once the critical barriers have been installed on a floor, NYS DOL and NYC DEP certified asbestos handlers will proceed to that level on the exterior scaffold platform.
- Workers, equipped with abatement work area PPE, will open the unlatched operable section of window and clean the interior surface and operable mechanism of each window by HEPA vacuuming and wet wiping. Cleaning will be performed from the lowest affected floor upwards utilizing the exterior scaffolding as a working platform. All cleaning materials generated during the cleaning of windows and operable mechanisms will be containerized, decontaminated and stored in the existing SEO waste storage facility for disposal

as asbestos waste at a minimum, or in accordance with any waste characterization testing deemed necessary by the Owner's Environmental Consultant.

- After the completion of window mechanism cleaning activities, a Project Monitor from the Owner's Environmental Consultant will perform visual inspections of the cleaned surfaces.
- After the windows have passed visual inspection they will be secured in place by selftapping screws installed into the frames by NYS DOL and NYC DEP certified asbestos handlers.

Reason for Amendment:

Since cleaning of the operable window mechanisms must be performed from the exterior, adding this task to other exterior work is logistically sensible. Also, as the scaffolding is erected, the platform surrounding the building will gradually move up the building. The availability of an exterior work platform would allow for efficient sequencing for the cleaning of these window components.

Sections of SEO Work Plan Affected:

The above text has been added as Section 6.10 "Cleaning of Operable Window Mechanisms" in the SEO Work Plan document.