

NYC DEP ACP

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Feb 28 2005 17:05

P.01



**DEPARTMENT OF
ENVIRONMENTAL
PROTECTION**

100 South Street
Fifth Floor
Brooklyn, New York 11201

**Emily Lloyd
Commissioner**

**Robert C. Avaltroni
Deputy Commissioner**

**Michael Gillen
Assistant Commissioner**

**Bureau of
Environmental
Compliance**

Tel (718) 595-4418

Fax (718) 595-4422

To: Distribution

From: R. Radhakrishnan P. E.

Date: February 28, 2005

Subject: 130 Cedar Street

The New York City Department of Environmental Protection received an asbestos project notification form and a request for variance for 130 Cedar Street. Several changes were requested in the submittals and the changes have been received.

Attached please find a copy of the updated package (twenty pages). We would appreciate your comments and feedback so that we can complete the package review and evaluation of the request.

Distribution:

Pat Evangelista
Christopher G. Alonge, P.E.
Gil Gillen
Robert Iulo



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For Government Information
Call 311 and Services for NY

FROM : EastCoastHazMat

FAX NO. : 9733454665

Feb. 25 2005 05:24PM P2

EAST COAST HAZ MAT REMOVAL, INC



Asbestos Abatement Contractor
494 E. 41 Street, Paterson, NJ 07504
Phone: (973) 345-0022
Fax: (973) 345-4865

February 25, 2005



Mr. R. Radhakrishnan
NYC Department of Environmental Protection
Bureau of Environmental Compliance
Asbestos and Lead Control Program
59-17 Junction Blvd. - 8th Floor
Elmhurst, NY 11373

Attn: Peter Lee Kim

Premise Address: 130 CEDAR STREET, MANHATTAN

RH: VAR#0066MN05 TRU#1740MN04

This letter confirms all agreed procedures/conditions of working including the applicable special procedures/conditions that shall apply during relevant work on the asbestos project at the above noted premise or facility address and which pertain to the Department's written approval (Form V2) based specifically upon all the documents comprising this application for a variance (as filed on January 14, 2005) from the sub-sections of Title 15, Chapter 1, Rules of the City of New York listed below.

Method of Abatement:	Building facade clean up
Type:	WTC Dust
Location:	Exterior facade - 1 st , 2 nd , 3 rd , 4 th and 5 th Floors
Amount:	18,250 Square Feet
Section 1-41(c)	During abatement air sampling in work area.
Section 1-41(d)	No post abatement clearance air monitoring.
Section 1-81(m)	Partial plasticization of the work area.
Section 1-82(a) & 1-(83)	Remote decontamination facilities.
Section 1-91	No negative air.

We shall comply with the following special conditions:

- 1) All conditions of attached procedures stamped February 23, 2005 shall be complied with.
- 2) All wasted water generated shall be collected and filtered through at least a 5.0-micron filter before discharge in compliance with Section 1-82(h) of the NYC DEP Asbestos Regulations.
- 3) Comply with NYCDEP Attachment D.

NYC DEP ACP

Fax: 7185953648

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FROM : EastCoastHazMat

FAX NO. : 9733454665

Feb. 25 2005 05:24PM P3

EAST COAST HAZ MAT REMOVAL, INC

Asbestos Abatement Contractor
494 E. 41 Street, Paterson, NJ 07504
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Method of Abatement: Removal of ACRM using foam:

<u>Locations</u>	<u>Amounts</u>
Main Roof	13,994 Square Feet
10 th , 11 th & 12 Floor Terraces	4,080 Square Feet

Section 1-41(c)	During abatement air sampling inside the work area.
Section 1-41(d)	No post abatement clearance air monitoring.
Section 1-81(j)	No pre-cleaning of the work area(s)
Section 1-81(m)	Partial plasticization of the work area(s)
Section 1-82 (a)&1-83(a)	Remote decontamination facilities
Section 1-91	No negative air.
Section 1-102(b)	Nor to fully saturate ACRM with amended water.
Section 1-112(d)	No 1 st and 2 nd settling period and no 2 nd and 3 rd cleaning.

We shall comply with attachment FR
We shall comply with Attachment R

Special Conditions:

- 1) This is to affirm and declare that the affected ACRM under this project is neither vertical nor sloped beyond normal roof drainage specification and any flashing material present is less than 24 inches in height.
- 2) A remote worker decontamination unit shall be constructed on each floor for the terrace abatement.
- 3) Abatement on the terrace can not take place at the same time with inside abatement on the same floor.

Method of Abatement: ACM Façade Caulking removal on scaffolding.

Locations:	Entire Building - exterior facade - windows and lintel caulking.
Amounts:	3,800 Square Feet

Section 1-41(c)	During Abatement air sampling inside work area.
Section 1-41(d)	No post abatement clearance air monitoring
Section 1-81(m)	Partial plasticization of the work area.
Section 1-82(a)& 1-83(a)	Remote decontamination facilities
Section 1-91	No negative air.

We shall comply with attachments EC and D.

Method of Abatement: Full Containment

<u>Locations</u>	<u>Amounts</u>
Basement	2457 square feet / 4115 linear feet
Ground Floor	5220 square feet / 50 linear feet
Roof Bulkhead	500 square feet / 1500 linear feet

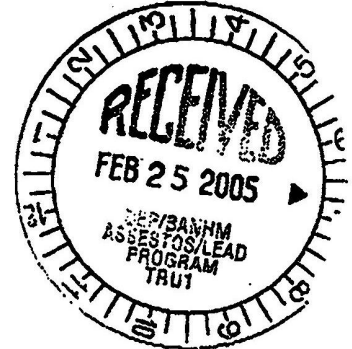
FROM : EastCoastHazMat

FAX NO. : 9733454665

Feb. 25 2005 05:25PM P4

EAST COAST HAZ MAT REMOVAL, INC

Asbestos Abatement Contractor
 494 E. 41 Street, Paterson, NJ 07504
 Phone: (973) 345-0022
 Fax: (973) 345-4665



Section 1-81(m)

Not to plasticize wall surfaces being abated.

We shall comply with the following Special Conditions

- 1) We shall comply with original proposal and amended proposal dated January 20, 2005.
- 2) Worker and waste decontamination units shall be attached to each work area.
- 3) All porous material must be disposed as ACM waste.
- 4) All area air monitoring must be in compliance with Section 1-41 to 1-45 of the NYCDEP Asbestos Regulations for each floor.
- 5) Comply with all other city, state and federal regulations pertaining to asbestos.

Method of Abatement: Modified Tent

<u>Locations</u>	<u>Amounts</u>
2 nd Floor	220 square feet / 66 linear feet
3 rd Floor	220 square feet / 50 linear feet
Pipe shaft (ground to 12 floor)	0/700 linear feet

We shall comply with attachment TM, D and the following Special Conditions:

- 1) A minimum of 3 during air samples and 3 post abatement clearance air samples must be taken in compliance with section 1-41 of the NYCDEP Asbestos Regulations for each modified tent.
- 2) A remote worker decontamination unit must be build on each floor in the vicinity of the modified tent operation.
- 3) No ACM will be disturbed when non-ACM pipes are removed in the shaft to access the ACM pipes otherwise, it will be considered part of the asbestos project.

Method of Abatement: Full Containment

<u>Locations</u>	<u>Amounts</u>
4 th Floor	1,220 square feet / 50 linear feet
5 th Floor	3,320 square feet / 115 linear feet
6 th Floor	2,920 square feet / 268 linear feet
7 th Floor	10,820 square feet / 223 linear feet
8 th Floor	4,720 square feet / 50 linear feet
9 th Floor	8,220 square feet / 50 linear feet
10 th Floor	8,720 square feet / 50 linear feet
11 th Floor	820 square feet / 54 linear feet
12 th Floor	2,520 square feet / 86 linear feet

Section 1-81(m) Partial plasticization of work area.

We shall comply with attachment VA and the following Special Conditions:

③

NYC DEP ACP

Fax: 7185953648

Feb 28 2005 17:06

P.05

FROM : EastCoastHazMat

FAX NO. : 9733454665

Feb. 25 2005 05:25PM P5

EAST COAST HAZ MAT REMOVAL, INC

Asbestos Abatement Contractor
494 E. 41 Street, Paterson, NJ 07504
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- 1) Comply with original proposal and amended proposal dated January 20, 2005.
- 2) All broken windows or openings shall be studded and sealed with a solid construction material in compliance with Section 1-81 (1) of the NYC DEP Asbestos Regulations.
- 3) The stairwell connecting the worker and waste decontamination units to the work area shall be fully plasticized and will be considered part of the work area.
- 4) All porous material must be disposed as ACM waste.
- 5) All area air monitoring must be in compliance with Section 1-41 to Section 1-45 of the NYCDEP Asbestos Regulations for each floor.
- 6) Comply with all other city, state and federal, regulations pertaining to asbestos.

Items 1 through 8 of DEP/ACP form G shall be complied with also.

Very Truly Yours,

East Coast Haz Mat Removal, Inc.


Leszek Olszewski
Project Manager

ONLY
TYPEWRITTEN
FORMS WILL BE
ACCEPTED



NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107
Asbestos Variance Application

FREE PAID

FOR OFFICIAL USE ONLY

Variance # 0066MS05
Fee Paid 1,800
Notification # 1740MNO4

I. FACILITY

Address 130 Cedar Street Borough Manhattan Zip 10007

Application must be made at least 2 weeks prior to the start of work.

II. APPLICANT

Name East Coast Haz Mat Removal, Inc.

Tel # (973) 345-0022

Address 494 E. 41 Street City Paterson State NJ Zip 07504

Capacity: ☒ Contractor ☐ Consultant ☐ Owner ☐ Other _____ Contact Person Leszek Olszawski

III. SPECIFY ALL NYC DEP OR NYS DOL (ICR56) ASBESTOS RULE PROVISIONS FROM WHICH A VARIANCE IS REQUESTED

1-41(e), 1-41(d), 1-81(m), 1-81(p), 1-82(a), 1-82(b), 1-91, 1-102(b), 1-112(d) and 1-112(e).

SPECIFY FLOORS AND/OR AREAS WHERE WORK INVOLVING THIS VARIANCE IS TO OCCUR

Exterior Building Facade, Roofs and Ground Floor to 12th Floor

REASONS FOR REQUEST AND DESCRIPTION FOR PROPOSED ACTION (Attachment(s) shall be submitted in TRIPLICATE)

Explain why the procedures required by Title 15, Chapter 1 of the Rules of the City of New York (RCNY) and/or Part 56 of Title 12 of New York Codes, Rules and Regulations (Subparts 56-4 through 56-17) cannot be used. (Attach Additional Sheets)

State the alternative procedures that will be employed to satisfy each requirement as modified. (Attach Additional Sheets)

Provide color coded drawings identifying work area(s) and location of decontamination enclosure system(s).

IV. FEE SCHEDULE

Amount of ACM affected by this variance: 58,751 square feet + 1,700 linear feet = Total Amount of ACM 60,451 feet

	If total amount of ACM is less than 5000 feet:	If total amount of ACM is 5000 feet or more:
Seven day notification period waiver	\$300	\$400
First sub-section (per category)	\$400	\$600
Each additional sub-section (per category)	\$200	\$300
Maximum fee	\$1200	\$1800

See Section 1-03(e) of the NYCDEP Asbestos Rules for category definitions.

Enter applicable fee based on schedule above

Total Fees \$ 1,800

V. I hereby declare that the information provided herein and in any and all accompanying attachments is true and complete to the best of my knowledge. I understand that failure to comply with conditions set forth by the Department in an approval of the application shall render this variance null and void.

Cedar & Washington Street Association

Print Name of Owner

[Signature] 12/22/04
Signature of Owner Date

East Coast Haz Mat Removal, Inc.

Print Name of Applicant (If not owner)

[Signature] 12/22/04
Signature of Applicant Date

Work involving a variance may not commence prior to the receipt of the Department's approval of the application. Any violation of the terms of any variance issued pursuant to Title 15, Chapter 1 of the RCNY Section 1-03 is considered a violation of the lettered subdivision modified by the variance.

ACPS
2/2001



EAST COAST HAZ MAT REMOVAL, INC

Asbestos Abatement Contractor
494-E, 41 Street, Paterson, NJ 07504
Phone: (973) 345-0022
Fax: (973) 345-4665

Date: January 20, 2005

Mr. Rajappan Radhakrishnan, Acting Director
NYC Department of Environmental Protection
Bureau of Air, Noise and Hazardous Materials
Asbestos and Lead Control Program
59-17 Junction Boulevard - 8th Floor
Elmhurst, NY 11373

RE: Petition for variance: 130 Cedar Street, NY 10460
Corrected.

Dear Mr. Radhakrishnan:

In lieu of the necessary building renovation and site conditions at this site, it is necessary to perform asbestos abatement procedures before any renovation activities can take place. Our petition for variance involves roofing/flashing/tar, VAT/mastic, pipe insulation, ceiling/wall/columns skim coat plaster, boiler insulation, transite panels, windows/lintels caulking, fire doors and electrical wires.

Reason for Requesting a Variance Petition

Due to the fact that there are practical difficulties in constructing a full containment and the large quantities which exist at this site as required by regulations, East Coast Haz Mat Removal, Inc. is requesting the following variances from Title 15 Chapter 1 of the Rules of the City of New York:

I. Work Area: Roof

TABLE OF SPECIFIC LOCATIONS OF ROOF ABATEMENT

FLOOR	SECTION OF FLOOR	AFFECTED SURFACES	AMOUNT OF ACM	DESCRIPTION OF WORK
Main Roof	Entire Roof	Roof Membrane Top	4500 SF	Variance FR & R
Main Roof	Entire Roof	Perimeter Flashing Tar	1200 SF	Variance FR & R
Main Roof	Entire Roof	Tar Paper over Plywood	684 SF	Variance FR & R
		Total	6384 SF	
Bulkhead	Exterior Elevation	Bulkhead Tar	6000 SF	Variance FR & R
Bulkhead	Exterior Elevation	Bulkhead Flashing Tar	200 SF	Variance FR & R
		Total	6200 SF	
Water Tower	Entire Roof	Roofing Membrane	800 SF	Variance FR & R
Water Tower	Entire Roof	Perimeter Flashing	270 SF	Variance FR & R
Water Tower	Entire Roof	Tar Material	20 SF	Variance FR & R
		Total	1090 SF	



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Fan/Tank/ Machine Rm.	Exterior Elevation	Roof Membrane	100 SF	Variance FR & FR
Fan/Tank/ Machine Rm.	Exterior Elevation	Perimeter Flashing	200 SF	Variance FR & FR
Fan/Tank/ Machine Rm.	Exterior Elevation	Pipe Tar	20 SF	Variance FR & FR
		Total	320 SF	
Roof -1	12 th Floor Terraces	Roof Membrane	500 SF	Variance FR & FR
Roof -1	12 th Floor Terraces	Tar & Flashing Perimeter	280 SF	Variance FR & FR
		Total	780 SF	
Roof -1	11 th Floor Terraces	Roof Membrane	480 SF	Variance FR & FR
Roof -1	11 th Floor Terraces	Tar & Flashing	20 SF	Variance FR & FR
		Total	500 SF	
Roof -1	10 th Floor Terraces	Roof Membrane	2560 SF	Variance FR & FR
Roof -1	10 th Floor Terraces	Tar & Flashing Perimeter	240 SF	Variance FR & FR
		Total	2800 SF	
		Sub Total (Roofing)	18074 SF	

Abatement of (18,074 Sq. Ft) of Roofing/Flashing/Tar Material

We shall comply with attachment FR and R.

We are requesting a variance from the following subsections:

Section 1-41©: During abatement air sampling inside work area.

Section 1-41(d): No post abatement clearance air monitoring.

Section 1-81(j): No pre-cleaning of the work area(s).

Section 1-81(m): Partial plasticization of the work area.

Section 1-82(a) & 1-83(a): Remote decontamination facilities.

Section 1-91: No negative air.

Section 1-102(b): Not to fully saturate ACRM with amended water.

Section 1-112(d) & 1-112(e): No 1st and 2nd settling period and no 2nd and 3rd cleaning.

Work Procedures

a. Posting of Signs

"Danger Asbestos" warning signs, in English, Spanish, and the language spoken by the crew members, will be posted at all entrances to the working area.

b. Installation of Remote Worker Decontamination Unit.

This will be installed on the roof as outlined on the variance request. This remote unit will be installed using three chambers divided by two air locks consisting of shower and a clean room, and wash room for wet washing of the bags. This unit will also be fully sheathed inside and outside using two (2) layers of six mil fire retardant polyurethane sheeting, and two six mil reinforced polyurethane on the floor of the decontamination unit. The clean room will include shelves, and clean sealable plastic bags for storage of clean clothes; the decontamination unit shall contain shelves for storage of respirators, towels, respirators filters, and others personal protective equipment.

The shower room shall contain liquid soap & shampoo, and disposable towels. Shower water shall be drained, collected and filtered through a water filtration system. Filtered water shall be discharged to a



EAST COAST HAZ MAT REMOVAL, INC

Asbestos Abatement Contractor

494 E. 41 Street, Paterson, NJ 07504

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sewer. The wash room shall be utilized to wash down the single ACM bags, to the double bags; also workers, after removing their outer disposable suits in the work area, shall proceed to the wash room; the inner disposable suit shall be removed, and the worker shall shower in the shower room.

c. Installation of Critical Barriers.

All vents, skylights, air intakes, windows and door openings onto the roof, and all other openings will be sealed with 2 layers of 6 mil plastic sheeting.

d. Installation of Foam (Foam - Viscous Agent).

Upon completion of the critical barriers sequence, the removal foam will be applied in this manner: water hoses will be connected to the houses water supply. Hoses from the house supply will be installed onto a compressor, which will be located on the roof.

The connection from the compressor will be installed into the five gallon bucket of foam. Once the water is turn on, the compressor will mix the product into an effective foam; this foam shall be applied to flashing and the membrane and the removal process will begin.

e. Removal of Roofing/Flashing/Tar Material.

All roofing/flashing to be removed by manual tool; no power tools will be used unless equipped with HEPA exhaust system. As the material is removed in manageable pieces, these pieces will be put into a single disposable bag, and sealed using water resistant tape. The membrane shall be foamed and cut using a roof cutter equipped with a HEPA exhaust system or with manual tools.

f. Clean Up.

As removal is continuing, all areas shall be HEPA vacuumed and misted down using amended water, to ensure no loose debris is present.

g. Storage Of Single Bags On The Roof.

A drop cloth consisting of two layers of 6 mil fire retardant polyethylene sheeting shall be installed on the roof. As the disposable bags are filled and closed using water resistant duct tape, the bags will then be placed on the drop cloth until the bag out sequence begins (prior to the end of each shift).

h. Bag-Out Sequence.

Prior to the completion of each shift, the single disposable bag will be brought over to the remote decontamination unit (wash room), where the bags shall be wetted down and placed into an additional 6 mil disposable bag. The second disposable will be secured with water resistant duct tape, labeled and brought down to the waste container by means of a hoist, the put into the waste container for storage until the completion of work.

g. Tear down.

Upon completion of each work area and acceptable visual clearance, all critical barriers will be removed and disposed of as ACM and shall follow the same bag out sequence as mentioned above.

II. Work Area: Exterior Building Façade

Exterior	Exterior Façade	Windows Caulking	3300 SF	Variance EC & TR
Exterior	Exterior Façade	Windows Lintel Caulking	500 SF	Variance EC & TR
		Total	3800 SF	

Abatement of Window/Lintel Caulking (3,800 sq. ft.)

We shall comply with attachment EC and R.

We are requesting a variance from the following subsections:



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Section 1-41(c): During abatement air sampling inside work area.

Section 1-41(d): No post abatement clearance air monitoring.

Section 1-81(m): Partial plasticization of the work area.

Section 1-82(a) & 1-83(a): Remote decontamination facilities.

Section 1-91: No negative air.

Work Procedures

- The remote worker/waste decontamination enclosure system, constructed in accordance with Attachment R, shall be erected at ground level; loading area. This unit shall be maintained in the work place for the duration of the abatement.
- Protection below the work area is required with plastic sheeting. Where space permits, the plastic sheeting shall cover the ground as per attachment EC.
- The scaffolding system around building will be erected, maintained, and operated in accordance with the applicable federal, state, city rules and regulations by General Contractor.
- All movable items from the ground beneath the work area will be relocate before asbestos abatement work start.
- Restrict access to the ground beneath the work area shall be by erecting temporary fencing or asbestos warning barrier tape at a 25-foot perimeter from the building. Only authorized personnel performing the work shall entry the work areas.
- Each abatement team shall be equipped with appropriate tools, rags, a portable supply of amended water, and a HEPA vacuum. After the ACM is adequately wetted, it shall be stripped using hand tools, with the ACM being directly bagged or dropped into a poly and promptly bagged. Upon completion of removal, each surface shall be HEPA vacuumed, and then wet-wiped to remove any loose visible debris and coated with a transparent encapsulant.
- Upon completion of the stripping at a location and before moving to the next, the surfaces of the immediate work area shall be rendered free of visible debris. Next, the plastic covering of the platform shall be carefully cleaned and secured, at the next work area.
- Prior to the completion of each shift, the single disposable bag will be brought over to the remote decontamination unit (wash room), where the bags shall be wetted down and placed into an additional 6 mil disposable bag. The second disposable will be secured with water resistant duct tape, labeled and brought down to the waste container by means of a hoist, the put into the waste container for storage until the completion of work.
- Upon completion of each work area and visual clearance, all critical barriers will be removed and disposed of as ACM and shall follow the same bag out sequence as mentioned above.

III. Work Area: Basement, Ground Floor, Roof Bulkhead

Basement	Entire	Wire Insulation	2150 LF	Full Containment
Basement	Entire	Pipe Insulation	1965 LF	Full Containment
Basement	Boiler	Boiler Insulation	800 SF	Full Containment
Basement	Pump Room Wall	Perimeter Water Proof Tar.	35 SF	Variance
Basement	Boiler Room Door	Interior Door Caulking	2 SF	Variance
Basement	Electrical Room	Electrical Panel Board	1120 SF	Variance
Basement	Elevator Room	Elevator Break Pads	500 SF	Full Containment



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Roof Bulkhead	Entire	Electrical Wire	1550 LF	Full Containment
Roof Bulkhead	Machine Room	Electrical Panel	500 SF	Variance
Ground Floor	Electrical Closet	Transite Panel	120 SF	Variance
Ground Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Full Containment
Ground Floor	Electrical Closet	Wire Insulation	50 LF	Full Containment
Ground Floor	Entire	Skim Coat Ceiling Plastr	5000 SF	Full Containment
		Total	8177 SF & 5715 LF	

Abatement of Transite Panels, Wall Tar, Interior Door Caulking (1,877 sq. ft.)

We shall comply with Full Containment Procedure with Special Condition.

We are requesting a variance from the following subsections:

Section 1-81(m): Partial plasticization of the work area(s).

Work Procedures

- We shall comply with all necessary regulation according to full containment procedure except:
 - Partial plasticization of the work areas, where asbestos materials are locate on the wall as .
 Transite Panels (Electrical Rooms) – 1,240 SF
 Interior Door Caulking – 2 SF
 Interior Wall Tar (Pump Room) – 35 SF
 Transite Panels (Machine Room) – 500 SF
 Sealed Door Insulation – 100 SF
- The walls surfaces not being abated and floor of the work area, shall be plasticized with two layers of 6-mil plastic sheeting.
- The numbers of air changes per hour shall be increased to 6.

IV. Work Area: A. Second and Third Floor.

B. All Floors (Ground, Floor Second throughout Twelve)

Work Area: A

Second Floor	Electrical Closet	Transite Panel	120 SF	Variance TM & D
Second Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance TM & D
Second Floor	Electrical Closet	Wire Insulation	50 LF	Variance TM & D
Second Floor	East Side	Pipe Insulation	16 LF	Variance TM & D
Third Floor	Electrical Closet	Transite Panel	120 SF	Variance TM & D
Third Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance TM & D
Third Floor	Electrical Closet	Wire Insulation	50 LF	Variance TM & D
		Total	440 SF & 116 LF	



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Work Area: B (Pipe Shaft)

Ground Floor	Chase N. Bath	Pipe Insulation	50 LF	Variance TM
Second Floor	Chase N. Bath	Pipe Insulation	50 LF	Variance TM
Third Floor	Chase N. Bath	Wire Insulation	50 LF	Variance TM
Fourth Floor	Chase N. Bath	Pipe Insulation	50 LF	Variance TM
Fifth Floor	Chase N. Bath	Pipe Insulation	100 LF	Variance TM
Sixth Floor	Chase N. Bath	Pipe Insulation	50 LF	Variance TM
Seventh Floor	Chase N. Bath	Pipe Insulation	100 LF	Variance TM
Eight Floor	Chase N. Bath	Pipe Insulation	50 LF	Variance TM
Ninth Floor	Chase N. Bath	Pipe Insulation	50 LF	Variance TM
Tenth Floor	Chase N. Bath	Pipe Insulation	50 LF	Variance TM
Eleventh Floor	Chase N. Bath	Pipe Insulation	50 LF	Variance TM
Twelve Floor	Chase N. Bath	Pipe Insulation	50 LF	Variance TM

All Floors	Pipe Shaft			
Ground, Floor	Chase N. Bath	Total	700 LF	Variance TM
2-12				

Abatement of transite panels and fire doors (440 s.f.)

Abatement of wire insulation (116 LF)

Abatement of pipe insulation (Pipe Shaft) (700 LF)

We shall comply with attachment TM and D.

We are requesting a variance from the following subsections:

Section 1-81(m): Partial plasticization of the work area(s).

Section 1-82(a) & 1-83(a): Remote decontamination facilities.

Section 1-91©: Static negative air Pressure of less than 0.02 inch water column.

Work Procedures (Work Area: A & B)

- All tent enclosures and contiguous spaces within a radius of 10 feet shall be roped off and regulated to allow only certified workers and authorized visitors to enter.
All tents shall be lined with 2 layers of plastic sheeting (6-mil thickness at a minimum), the amounts of ACM that may be abated in each modified tent shall not exceed 160 square feet, or (b) 260 linear feet, or © 160 combined feet (square plus linear).
- All modified tents shall be fully framed (including horizontally across the top, if applicable) with 2x3 (minimum) wood or metal studs spaced not more than 36 inch center-to-center vertically around all sides (except at the entry/exit which shall not exceed 36 inch width); and a minimum of one air volume change per 15 minutes through each modified tent shall be maintained.
- An airlock having at least 3 feet length between the two curtained doorways shall be constructed at the entrance to each and every tent if the decontamination unit is not attached to the tents, and if a decontamination unit is not attached to each tent, located within each airlock there shall be extra clean and uncontaminated disposable protective suits.
- Any decontamination unit that is not attached to a tent (i.e. that is remote from a tent) shall be



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- e. constructed in compliance with the requirements of Attachment D. Decontamination units that are attached to tents shall comprise at least a shower room and a clean room, with one curtained doorway separating them, and with a second curtained doorway separating the tent from the shower room.
- f. After the ACM removal and bagging, the bagged waste shall be HEPA-vacuumed then wet cleaned and transferred into the airlock or into the shower room for double bagging, and thereafter the double-bagged waste shall be transferred outside the clean room for its final transfer to storage in a holding area and/or to legal means of disposal.

Additional Requirements for Work Area: B (Pipe Shaft)

Modified tents shall be constructed at the each entry to pipe shaft. An airlock shall be constructed at the entrance to every modified tent. Remote decontamination unit shall be constructed in the distance of maximum 50 linear feet from every modified tent. Large Personal and Waste decontamination unit shall be constructed and attached to modified tent at the ground floor level. Minimum of one air volume change per 10 minutes through entire pipe shaft - modified tent shall be maintained. Upon completion of removal, each surface shall be HEPA vacuumed, and then wet-wiped to remove any loose visible debris and coated with a transparent encapsulant. Prior to the completion of each shift, the single disposable bag will be brought over to the waste decon unit (wash room), where the bags shall be wetted down and placed into an additional 6-mil disposable bag. The second disposable will be secured with water resistant duct tape, labeled and brought down to the waste container for storage until the completion of work. Upon completion of entire pipe shaft work area and acceptable visual clearance, final air clearance with TEM method shall be perform by independent monitoring company.

V. Work Area: Fourth throughout Twelve Floors.

See floor plan

Fourth Floor	Entire-North Area	Floor Tile Mastic	1000 SF	Variance VA
Fourth Floor	Electrical Closet	Transite Panel	120 SF	Variance VA
Fourth Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance VA
Fourth Floor	Electrical Closet	Wire Insulation	50 LF	Variance VA
		Total	1220 SF & 50 LF	
Fifth Floor	South-East Area	Floor Tile/Carpet Mastic	200 SF	Variance VA
Fifth Floor	Electrical Closet	Transite Panel	120 SF	Variance VA
Fifth Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance VA
Fifth Floor	Electrical Closet	Wire Insulation	100 LF	Variance VA
Fifth Floor	Entire	Ceiling Skim Coat	2,900 SF	Variance VA
Fifth Floor	North-East	Pipe Insulation	15 LF	Variance VA
		Total	3320 SF & 115 LF	
Sixth Floor	Entire-North Area	Floor Tile Mastic	2700 SF	Variance VA
Sixth Floor	Electrical Closet	Transite Panel	120 SF	Variance VA
Sixth Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance VA
Sixth Floor	Electrical Closet	Wire Insulation	50 LF	Variance VA



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Sixth Floor	Entire	Pipe Insulation	218 LF	Variance VA
		Total	2920 SF & 268 LF	
Seventh Floor	Entire-North Area	Floor Tile Mastic	1600 SF	Variance VA
Seventh Floor	Electrical Closet	Transite Panel	120 SF	Variance VA
Seventh Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance VA
Seventh Floor	Electrical Closet	Wire Insulation	100 LF	Variance VA
Seventh Floor	Entire Wall	Wall Plaster White and Brown Coat	5000 SF	Variance VA
Seventh Floor	Entire Plaster on Columns	Skim Coat Plaster on Columns	2500 SF	Variance VA
Seventh Floor	Ceiling Plaster	Skim Coat Ceiling Plaster	1500 SF	Variance VA
Seventh Floor	North/East Area	Pipe Insulation	123 LF	Variance VA
		Total	10820 SF & 223 LF	
Eight Floor	Entire	Floor Tile Mastic	4500 SF	Variance VA
Eight Floor	Electrical Closet	Transite Panel	120 SF	Variance VA
Eight Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance VA
Eight Floor	Electrical Closet	Wire Insulation	50 LF	Variance VA
		Total	4720 SF/50 LF	
Ninth Floor	Entire	Floor Tile Mastic	8000 SF	Variance VA
Ninth Floor	Electrical Closet	Transite Panel	120 SF	Variance VA
Ninth Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance VA
Ninth Floor	Electrical Closet	Wire Insulation	50 LF	Variance VA
		Total	8220 SF/50 LF	
Tenth Floor	Entire	Floor Tile Mastic	8500 SF	Variance VA
Tenth Floor	Electrical Closet	Transite Panel	120 SF	Variance VA
Tenth Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance VA
Tenth Floor	Electrical Closet	Wire Insulation	50 LF	Variance VA
		Total	8720 SF/50 LF	
Eleventh Floor	Entire-North Side	Floor Tile Mastic	600 SF	Variance VA
Eleventh Floor	Electrical Closet	Transite Panel	120 SF	Variance VA
Eleventh Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance VA
Eleventh Floor	Electrical Closet	Wire Insulation	50 LF	Variance VA
Eleventh Floor	North Side	Pipe Insulation	4 LF	Variance VA
		Total	820 SF/ 54 LF	
Twelve Floor	Entire	Floor Tile Mastic	2000 SF	Variance VA
Twelve Floor	Electrical Closet	Transite Panel	120 SF	Variance VA
Twelve Floor	Fright Elev. Door	Sealed Door Insulation	100 SF	Variance VA
Twelve Floor	Electrical Closet	Wire Insulation	50 LF	Variance VA
Twelve Floor	North Side	Skim Coat Ceiling	300 SF	Variance VA
Twelve Floor	Near Elevator	Pipe Insulation	36 LF	Variance VA
		Total	2520 SF/86 LF	

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Abatement of floor covering/mastic (29,100 SqFt), wall and columns plaster (7,500 sq. ft.) and transite panels (1,080 sq. ft.) We shall comply with attachment VA.

We are requesting a variance from the following subsections:

Section 1-81(m): Partial plasticization of the work area(s).

Work Procedures

a. Posting of Signs

"Danger Asbestos" warning signs, in English, Spanish, and the language spoken by the crew members, will be posted at all entrances to the working area.

b. Installation of Worker/Waste Decontamination Unit

This will be attached to the work area. This unit will be installed using three chambers divided by air lock consisting of shower, dirty room, and a clean room. This unit will also be fully sheathed inside using two (2) layers of six mil fire retardant polyurethane sheeting, and two six mil reinforced polyurethane on the floor of the decontamination unit. The clean room will include shelves, and clean sealable plastic bags for storage of clean clothes; the decontamination unit shall contain shelves for storage of respirators, towels, respirators filters, and others personal protective equipment. The shower room shall contain liquid soap & shampoo, and disposable towels. Shower water shall be drained, collected and filtered through a water filtration system. Filtered water shall be discharged to a sewer. The Waste unit will have washroom to utilize to wash down the single ACM bags, to the double bags.

c. Installation of Critical Barriers.

All areas will be sealed off with isolation barriers as per @1-81(k),(l). All movable objects will be removed from the areas. All penetrations in and along the floor will be sealed. The walls of the work area and any floor surfaces not being abated will be covered with two layers of 6-mil plastic sheeting.

d. Removal of ACM

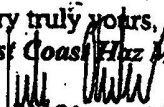
After establishing six air changes per hour, each abatement team will be equipped with appropriate hand tools for manual methods of removal ACM. The asbestos containing material shall be removed first, by wet methods. After the ACM material is adequately wetted will be directly bagged. A visual inspection will be made by asbestos supervisor to ensure the absence of debris on the floor, after that and one hour waiting period we will start removal of VAT.

e. Clean-up procedure/Bag-Out Sequence.

Upon completion of the stripping, floor tiles shall be rendered free of visible debris. All exposed floor surface shall be coated with transparent encapsulant. Prior to the completion of each shift, the single disposable bag will be brought over to the de-con unit (wash room), where the bags shall be wetted down and placed into an additional 6-mil disposable bag. The second disposable will be secured with water resistant duct tape, labeled and brought down to the waste container for storage until the completion of work. Upon completion of each work area and acceptable visual clearance, all critical barriers will be removed and disposed of as ACM and shall follow the same bag out sequence as mentioned above.

We hope this explanation meets with your approval. Should you have any questions or need additional information, please feel free to contact me at your earliest convenience in my office.

Very truly yours,
East Coast Haz Mat Removal, Inc.


Leszek Olszewski
Project Manager

NYC DEP Asbestos and Lead Control Program

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ATTACHMENT EC

APPLIES TO VARIANCE FROM TITLE 15, CHAPTER 1, OF THE RULES OF THE CITY OF NEW YORK,
SECTIONS 1-41(c), 1-41(d), 1-81(m), 1-82(a), 1-83(a), and 1-91.
(For Small Projects exclude 1-81(m), 1-82(a), 1-83(a), and 1-91, and add 1-106)

REQUIREMENTS FOR ABATEMENT OF ACM CAULKING MATERIALS FROM BUILDING FACADES

1. All windows and other openings within 20 feet of the affected ACM caulking material shall be fully closed or otherwise sealed with two layers of plastic. This includes openings on the same floor and also openings on immediately adjacent floors above and below.
2. The inside frames of the windows and other openings within the affected adjacent interior space shall be fully plasticized with one (1) sheet of 6-mil plastic. The seal shall be airtight between the window (or other opening) and the building interior.
3. Any scaffolding erected shall be constructed, maintained, and operated in accordance with the applicable federal, state, and city rules and regulations.
4. At the base of the scaffolding (either upon the sidewalk tunnel or at grade level), a work place or restricted area shall be established. This space shall be plasticized with one (1) layer of 6-mil plastic from one (1) foot up the building exterior wall to the edge of the sidewalk tunnel or at least five (5) feet away, whichever is greater. It shall cordoned off with clearly identifiable asbestos hazard tape. This space (except the decon) shall be replasticized at the end of each shift.
5. The remote worker/waste decontamination enclosure system, constructed in accordance with Attachment D, shall be erected at ground level. This unit shall be maintained in the work place for the duration of the abatement.
6. The elevated platform shall be at least one (1) foot below the surface or joint to be abated. This work area shall be plasticized with a single layer of 6-mil plastic. The plastic shall extend up from the platform to a minimum height of two (2) feet on three sides. The plastic on the side facing the facade shall be attached directly to the building just below the surface or joint to be abated.
7. At the beginning of each shift, an area sample shall be taken on the scaffolding to obtain at least one (1) sample. Independent third parties shall perform air sampling.
8. If area air samples taken within the building interior are below 0.01 f/cc, or the measured background level, no further clearance air samples will be required.
9. Personnel performing the work shall be NYS/NYC certified asbestos handlers. An NYS/NYC certified asbestos handler/supervisor shall be in the work place at all times during the ACM caulking abatement. The asbestos handler/supervisor shall establish and maintain a log as that term is defined at 15 RCNY § 1-02.

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10. Each abatement team shall be equipped with appropriate tools, rags, a portable supply of amended water, and a HEPA vacuum. After the ACM caulking material is adequately wetted, it shall be stripped using hand tools, with the ACM caulking material being directly bagged or dropped into a flexible catch basin and promptly bagged. The stripped joints shall then be HEPA vacuumed, and then wet-wiped, to remove any loose debris still in place. All exposed joints shall be coated with a transparent encapsulant.
11. Upon completion of the stripping at a location and before moving to the next, the surfaces of the immediate work area shall be rendered free of visible debris. Next, the plastic covering of the platform shall be carefully cleaned and secured, at the next work area. New plastic sheeting shall be applied only as needed.
12. If visible emissions are noted or if the asbestos-in-air concentrations within the building exceed 0.01 f/cc or the measured background level, all work shall stop. Abatement procedures shall be reevaluated. Work shall not resume until NYCDEP is notified.

NOTE: This attachment is under review for possible future revision.

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ATTACHMENT D
REMOTE WORKER DECONTAMINATION UNIT

APPLIES TO VARIANCE FROM TITLE 15, CHAPTER 1, RULES OF THE CITY OF
NEW YORK SECTIONS 1-82(a) AND 1-83(a)* {15 RCNY § 1-82(a) AND § 1-83(a)*}.

1. The remote worker decontamination unit shall be constructed outside the work area, in accordance with 15 RCNY § 1-82, and attached to individual glovebag work areas (or tents) or common space leading to individual work areas.
2. The remote worker decontamination unit shall consist of, at least, a shower room, and a clean room separated from each other by an airlock and from the glovebag work area.
3. In addition to the shower heads, the shower room shall be provided with a flexible hose for equipment and waste decontamination.
4. The remote holding area for the asbestos containing waste shall comply with Title 16, Chapter 8, Rules of the City of New York (16RCNY § 8 ET SEQ.)
5. The decontamination unit shall be maintained in accordance with 15 RCNY § 1-94 (except subsection b).
6. All asbestos handlers shall wear two disposable suits, including gloves, hood and footwear, and appropriate respiratory equipment, after removing street clothes in the clean room.
7. After the ACM removal and bagging {refer 15 RCNY § 1-105(c)15}, the bagged waste shall be HEPA-vacuumed then wet cleaned and transferred outside the glovebag work area (or tent) for double bagging, storage and disposal.
8. Each worker, before leaving the glovebag work area (or tent), shall clean the outside of the respirators and outer protecting clothing by wet cleaning and/or HEPA vacuuming. The outer disposable suit shall be removed in the work area and the workers shall then proceed to the shower room. The inner disposable suit and respirator shall be washed thoroughly before removing and prior to aggressive shower.
9. The decontamination system shall be in place for the entire duration of the abatement activities.
10. The following additional conditions must be complied with in order to re-use an attached decontamination enclosure system(s) as a remote decontamination unit.
 - i) Final air clearance must be achieved in the full containment area to which the decontamination enclosure system(s) is attached.
 - ii) The decontamination enclosure system(s) shall be re-plasticized in accordance with 15 RCNY § 1-82.

*Required for projects disturbing 1,000 or more linear feet.

NOTE: This attachment may be revised at any time by the Department.

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ATTACHMENT FR

**PROCEDURES FOR USE OF FOAM OR SIMILAR VISCOUS LIQUID
IN REMOVAL OF ASBESTOS CONTAINING ROOFING MATERIAL (ACRM) IN NEW YORK CITY****A) VARIANCE APPLICATION**

Applicant shall apply to NYC DEP for a variance from Title 15, Chapter 1, Rules of the City of New York sections: 1-81(j), 1-81(m); 1-91; 1-102(b); 1-41(c), 1-41(d); 1-112(d) and 1-112(e). {Also see Item E.4 below re 1-82(a) and 1-83(a)}.

NOTE: The applicant shall comply with all applicable sections of Title 15, Chapter 1, Rules of the City of New York.

B) ACCEPTABLE FOAM OR VISCOUS LIQUID

1. Shall be non-toxic, and not require special respiratory protection for handling.
2. Shall coat and maintained a stable blanket (minimum 1" thickness) for the duration of the removal process.
3. Shall wet the ACRM and remain wet through the bagging process.
4. Shall leave an identifiable colored residue when it dissipates.
5. Shall not require special disposal.

C) PERSONAL PROTECTION

1. Appropriate personal protective equipment shall be worn.
2. Persons entering the work area shall be provided with well-tractioned and correctly-fitting rubber boots.

D) BACKGROUND CONDITIONS

1. Preliminary examination shall be conducted and precautions shall be taken to prevent damage to the interior of the building and to ensure no adverse effect on the structural stability of the roof due to the abatement activity.
2. Abatement shall not be carried out during adverse weather conditions (e.g. precipitation, heavy winds, etc).
3. The work area on the roof shall be cordoned off, and only authorized persons shall have access to the "designated" work area.

E) MINIMUM REMOVAL PROCEDURES

1. Electric power in the work area shall be shut down and isolated.
2. Movable objects shall be removed from the work area, or kept in place and wrapped in one sheet of 6-mil plastic sheeting. Fixed objects including perimeter walls, bulkheads, cooling towers, ducts and other rooftop appurtenances shall be covered in one sheet of plastic (minimum height= 6 ft.)
3. The worker decontamination unit shall be constructed at an entry/exit from each work area in accordance with 15 RCNY § 1-82, with at least a shower room and a clean room. In addition to the shower head(s), the shower room shall be equipped with a flexible hose for waste decontamination (for removal of less than 1,000 square feet). FOR MORE than 1,000 square feet of removal, a separate waste decontamination facility as per 15 RCNY § 1-83 shall be located at an entry/exit from each work area.
4. Remote decontamination facilities will be considered; however, a variance must be requested from 15 RCNY § 1-82(a) and, also, from 15 RCNY § 1-83(a) (if more than 1,000 square feet will be removed).
5. The remote holding area for the asbestos containing waste shall comply with Title 16, Chapter 8, Rules of the City of New York. (16 RCNY 8 et seq.)

6. Provisions shall be made to ensure a safe and adequate air supply to affected building(s). All vents, skylights, air intakes, windows and doors opening onto the roof, and all other openings are to be sealed with 2 layers of 6-mil plastic or fitted with HEPA-filters where appropriate.
- NOTE:** In lieu of sealing vents, air intakes, etc., with 2 layers of plastic or HEPA-filters, temporary extensions may be installed to a height of 10 feet to ensure adequate air exchange. Drains may be equipped with 5 micron filtering systems in lieu of being sealed.

FOAM PROCEDURES FOR ACRM REMOVAL

7. Prior to actual removal the built-up roofing shall be blanketed and wetted with a minimum 1" coating of the acceptable foam or viscous liquid which shall be maintained for the duration of the removal until the material is bagged. The foam or viscous liquid shall be confined to the work area.
8. Manual methods of removal are recommended; however, if hand-held power tools are used to drill, cut into, or otherwise disturb the asbestos-containing roofing material, the power tools shall be equipped with HEPA-filtered local exhaust ventilation and operated to prevent potential fiber release.
9. Portable HEPA-vacuum machines shall be available during abatement.
10. Clean-up procedures shall involve removal and bagging of
 - a) the asbestos containing roofing material (ACRM)
 - b) visible accumulations of asbestos containing waste
 - c) all excess foam or similar viscous liquid
 - d) all debris, and shall be followed by a thorough wet cleaning.
11. All tools shall be wet cleaned and HEPA-vacuumed, and then removed from the work area upon completion.
12. The work area shall be allowed to dry completely before the visual inspection is conducted. This inspection, to be performed by the independent third party air monitoring firm/consultant, shall confirm the absence in the work area of:
 - a) ACM or ACW bags or debris,
 - b) excess foam or other viscous liquid.

NOTE: If the work area fails visual inspection, it shall undergo another wet cleaning and/or HEPA vacuuming until it passes the visual inspection.
13. When the visual inspection is successful, all plastic may be removed.

F) AIR MONITORING

1. Daily continuous air sampling inside the work area and, also, in all spaces where egress from the work area is through the structure itself, shall be conducted in accordance with sections 1-41(a), 1-41(b) and 1-42 of Title 15, Chapter 1, Rules of the City of New York.
2. If any air sample(s) within the work area exceed 0.01 f/cc or the background level, whichever is greater, then work shall stop and methods shall be altered to reduce airborne fiber concentrations to the aforementioned level.
3. Clearance air monitoring is not required.
4. Personal air monitoring data shall be submitted to the Department within one week after the completion of the project, if requested.

G) GENERAL PROVISIONS

A copy of the approval, the corresponding notification, and this procedure shall be posted conspicuously at the entrance to the work area.

NOTE: A conservative approach has been used in the design of this protocol to provide as much relief as possible while maintaining adequate measures to safeguard health and safety.

The Department of Environmental Protection will consider additional variances in conjunction with this application.

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ATTACHMENT R

REMOTE WORKER AND WASTE DECONTAMINATION UNITS

APPLIES TO VARIANCE FROM TITLE 15, CHAPTER 1, RULES OF THE CITY OF
NEW YORK SECTIONS 1-82(a) and 1-83(a); {15 RCNY § 1-82(a) AND § 1-83(a)}.

1. The worker decontamination unit shall be constructed outside the work area in accordance with 15 RCNY § 1-82, and attached to individual glovebag work areas (or tents) or common space leading to individual work areas.
2. The remote worker decontamination unit shall consist of, at least, a shower room, and a clean room separated from each other by an airlock and from the glovebag work area.
3. The remote waste decontamination unit shall be constructed in accordance with 15 RCNY § 1-83, located outside the glovebag work area on the same floor.
4. The decontamination units shall be maintained in accordance with 15 RCNY § 1-94 (except sub-section b).
5. All asbestos handlers shall wear two disposable suits, including gloves, hood and footwear, and appropriate respiratory equipment, after removing street clothes in the clean room.
6. After the ACM removal and bagging {refer 15 RCNY § 1-105(c)15}, the bagged waste shall be HEPA-vacuumed then wet cleaned and transferred outside the glovebag work area (or tent) for double bagging, and then moved to the wash room for wet washing, followed by storage in the holding area, before loading for transportation.
7. Each worker, before leaving the glovebag work area (or tent), shall clean the outside of the respirators and outer protecting clothing by wet cleaning and/or HEPA vacuuming. The outer disposable suit shall be removed in the work area and the workers shall then proceed to the shower room. The inner disposable suit and respirator shall be washed thoroughly before removing and prior to aggressive shower.
8. The decontamination units shall be in place for the entire duration of the abatement activities.
9. The following additional conditions must be complied with in order to re-use the attached decontamination enclosure systems as remote decontamination units.
 - i) Final air clearance must be achieved in the full containment area to which the decontamination enclosure systems are attached.
 - ii) The decontamination enclosure systems shall be re-plasticized in accordance with 15 RCNY § 1-82 and § 1-83.

NOTE: This attachment is being reviewed for future revision.

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NYC DEP ASBESTOS CONTROL PROGRAM

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ATTACHMENT VA

REQUIREMENTS FOR THE REMOVAL OF VINYL ASBESTOS FLOOR TILES (VAT) AND
OTHER ASBESTOS CONTAINING MATERIALS BY FULL CONTAINMENT
PROCEDURES WITHOUT PLASTIC ON THE FLOOR

APPLIES TO VARIANCE FROM TITLE 15, CHAPTER 1, RULES OF THE
CITY OF NEW YORK, SECTION 1-81(m); {15 RCNY § 1-81(m)}

1. Isolation barriers (i.e., sealing off all openings) shall be installed with 2 layers of 6-mil plastic sheeting sealed with tape and/or caulked for airtightness (reference 15 RCNY § § 1-81(k) and 1-81(l)).
2. Applicant shall comply with 15 RCNY § 1-91 (except § 1-91(g)), where the number of air changes per hour shall be increased to 6.
3. The walls of the work area and any floor surfaces not being abated, shall be plasticized with two layers of 6-mil plastic sheeting.
4. The asbestos containing material shall be removed first, by wet methods.
5. A visual inspection shall be conducted by the asbestos handler supervisor to ensure the absence of debris on the floor.
6. VAT removal shall not begin until at least one hour after the visual inspection in order to decrease the fiber concentration inside the work area.
7. If visible emissions are detected beyond the isolation barriers, work shall cease. The source of the emissions shall be properly controlled and the dust resulting from the fugitive emissions shall be at a minimum wet-cleaned until all evidence thereof is removed (reference 15 RCNY § 1-94).
8. Final clean-up procedures shall comply with 15 RCNY § 1-112.

NOTE: This attachment may be revised at any time by the Department.

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