

300 Albany Street

Main Roof Mechanical Exhaust Fan #2 Main Roof Mechanical Exhaust Fan #3 Main Roof Mechanical Exhaust Fan #4 Main Roof Mechanical Exhaust Fan #5 Main Roof Mechanical Exhaust Fan #6 Main Roof Mechanical Exhaust Fan #7 Main Roof Mechanical Exhaust Fan #8 Main Roof Mechanical Exhaust Fan #9 Main Roof Mechanical Exhaust Fan #10 Main Roof Mechanical Exhaust Fan #11 Main Roof Mechanical Exhaust Fan #12 Main Roof Mechanical Exhaust Fan #13 Main Roof Mechanical Exhaust Fan #14 Main Roof Mechanical Exhaust Fan #15 Main Roof Mechanical Exhaust Fan #16 Main Roof Mechanical Exhaust Fan #17 Main Roof Mechanical Exhaust Fan #18	For Each: Louvers, grates, and/or screens Outside air duct Outside air damper Blower assembly 100 linear feet exhaust air ducts 9 exhaust air grilles
Main Floor Pump Room McQuay HV Unit	Serves 2 nd to 9 th Floor West Hallways louvers, grates, and/or screens outside air duct outside air damper outside air mixing chamber filter rack filter media blower assembly blower housing heating coils condensate drain pan supply air plenum damper(s) vibration collars 100 linear feet supply air ducts 1 return air plenum 2 return air grilles
Pump Room Skill Aire AC Unit	Serves Lobby louvers, grates, and/or screens outside air duct outside air damper filter rack filter media blower assembly blower housing cooling coils condensate drain pan supply air plenum damper(s) vibration collars 50 linear feet supply air ducts 2 in-line fire dampers 1 turning vane 3 supply air diffusers 20 linear feet return air ducts 1 return air plenum 2 in-line fire dampers 1 turning vane 1 return air grille



D

ATHENICA
ENVIRONMENTAL SERVICES INC.

**45-09 Greenpoint Avenue
Long Island City, N.Y. 11104**

**Tel (718) 784-7490
Fax (718) 784-4085**

January 29, 2003

United States Environmental Protection Agency (USEPA)
Region 2
290 Broadway
New York, NY 10007-1866

Attn: Mr. Eric Wilson-Quadrant Coordinator
Tel# (212) 637-3150
Fax# (212) 637-3105

**Re: 300 Albany street, Manhattan, NY
Evaluation Report for Building HVAC & Environmental Inspection for WTC Related Dust**

Dear Mr. Wilson:

Athenica Environmental Services, Inc. and Duct Dusters performed Building HVAC & Environmental inspections on January 9 and January 23, 2003.

Qualifications:

Duct Dusters (DD) is a NADCA certified corporation. Mr. Tony Gallo and Mr. Matt Provenzano of DD performed the inspections of the HVAC and exhaust systems in conjunction with New York State certified Asbestos Inspector Mr. Vasilis Bellos and Mr. Alex Kazakov of Athenica Environmental Services, Inc (AES) and Matthew Schoen of USEPA.

Background:

300 Rector Place is a nine story building with 108 residential units managed by AKAM (212) 986-0001. The manager of the building is Mr. Don Moskovic at 212 -986-0001 ext 155. Mr. Ray Perez at 212-945-3524 is the superintendent of the building. He accompanied us during our inspection.

Post 9/11 Maintenance History:

Post 9/11 maintenance activity reports were available at the time of our inspection, on January 23, 2003. The superintendent of the building Mr. Ray Perez at 212-945-3524 provided us with a copy of the report. According to Mr. Perez on October 10, 2001 Donnelly Mechanical cleaned the HVAC systems. On October 29, 2001 Sani-Chute Environmental Services, Inc., cleaned the fans on the roof and associated ducts.

300 Albany street, Manhattan, NY
January 29, 2003

Inspection Details:

As part of the survey, the Mechanical and the Environmental Professionals inspected the following HVAC system types.

- A. A total of eighteen (18) mechanical exhaust fans serving the kitchens and bathrooms located on the main roof and one (1) passive shaft exhaust located on the main roof.
- B. One (1) AC window unit located in the elevator room and serves the elevator room.
- C. One (1) McQuay HV unit is located in the machine roof of the 1st fl behind the mailroom, serves the southeast side of the hallways on the 2nd floor through the 9th floor. This unit has not been functioning for the last 15 years according to Mr. Ray Perez (superintendent of the bldg).
- D. One (1) McQuay HV unit is located on the main floor in the pump room serves the northwest side of the hallways from 2nd floor to 9th floor.
- E. One (1) Skill Aire AC split unit is located in the pump room, serves the lobby.
- F. One (1) AC unit is located in the room behind the mailroom and hanging from the ceiling, serves the vestibule by the mailroom.
- G. One (1) HV self-contained unit is located at the north entrance of the lobby serves the lobby.
- H. One (1) HV self-contained unit is located at the south entrance of the lobby serves the lobby.

All identification data and visual inspections are documented in the attached checklists.

Summary of Findings:

The mechanical exhaust fans # 2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18 (as they are numbered in the evaluation forms), and their associated components are covered with WTC related dust.

One (1) McQuay HV unit located on the main floor in the pump room. Heavy accumulation of WTC related dust was observed in the system. A total of 100 linear feet of duct needs to be cleaned.

One (1) Skill Aire AC unit located in the pump room. WTC related dust found in the system. A total of 70 linear feet of duct needs to be cleaned.

All the other systems inspected appear to be free of WTC dust.

All the findings are documented in the attached evaluation forms.

Scope of Work:

Clean the mechanical exhaust fans # 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,13, 14, 15, 16, 17, 18 (as they are numbered in the evaluation forms), and their associated ducts. The fans are located on the main roof. A total of approximately 2,000.00 linear feet of duct needs to be cleaned.

One (1) McQuay HV unit and its associated ducts. A total of 100 linear feet of duct needs to be cleaned.

One (1) Skill Aire AC unit and its associated ducts. A total of 70 linear feet of duct needs to be cleaned.

Please feel free to contact me should you require any further information.

Sincerely,

Vasilis Bellos



Director of Operations

- Attachments: 1) Ventilation System Evaluation forms
 2) Maintenance activity reports

VENTILATION SYSTEM EVALUATION FORM

Please complete this form in accordance with instructions in the accompanying guidance document

Part 1.0 General Information

Date of evaluation: <u>1/9/03</u>	Building contact name and phone:
Evaluation team (list name and affiliation):	
<u>TONY GALLO - DUCT DUSTERS</u> (Environmental professional)	
(HVAC professional)	
Building address:	Type of Facility (check all that apply):
<u>300 ALBANY</u>	☒ Residential
<u>NEW YORK NY</u>	☐ Multi-use
	☐ Other (describe)
Date of construction:	
Number of residential units: <u>108</u>	Number of floors: <u>9</u>
Prior inspection report/maintenance records available for review?:	
<u>NO</u>	
Other comments	
Ventilation system types (check all that apply and indicate total no. of units)	
Central ventilation system	Mechanical exhaust system
Est. no. of units <u>07</u>	Est. no. of units <u>18</u>
Mechanical make-up air system	Passive shaft/duct
Est. no. of units	Est. no. of units <u>1</u>
Other (describe)	

I certify that to the best of my knowledge, the information and observations recorded on this form including all attachments are a true and accurate representation of site conditions.

Ventilation System (HVAC) Evaluator

Date 1/9/03

Part 2.0 Visual Inspection Forms

Use the attached forms to document visual inspections. Complete the forms in accordance with instructions in the accompanying guidance document.

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:			
MECHANICAL EXHAUST FAN #1			
Location: MAIN ROOF		Area Served: LAUNDRY ROOM	
Associated mechanical room: clean <u>Y</u> <u>N</u> dry <u>Y</u> <u>N</u> stored chemicals/refuse <u>Y</u> <u>N</u>			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Exhaust air outlet: Location:			
Accessible for inspection? Y <u>✓</u> N <u> </u> (explain):			
- louvers, grates and/or screens	Y	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Exhaust fan unit:	Y	N	
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- vibration collars			
Exhaust air distribution:			NP
- Exhaust air ducts Est. total ln ft <u>100</u> No. locations inspected <u>1</u>			
Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Exhaust air grilles Est. total qty <u>1</u> No. locations inspected <u>1</u>	Y	N	
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC related dust was observed
The unit covered with laundry lint.
NO CLEANING IS REQUIRED FOR WTC RELATED DUST.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #2

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Exhaust air outlet:

Location:

Accessible for inspection? Y ✓ N (explain):Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Accessible in-line fire dampers Est. total qty No. locations inspected - Accessible turning vanes Est. total qty No. locations inspected - Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #3

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: If component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Exhaust air outlet:

Location:

Accessible for inspection? Y ✓ N (explain):Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Accessible in-line fire dampers Est. total qty No. locations inspected - Accessible turning vanes Est. total qty No. locations inspected - Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 4

Location: MAIN ROOF - 300 ALBANY STREET Area Served:

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Exhaust air outlet: Location:	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens	Y	Y	
- outside air duct	Y	Y	
- outside air damper(s)	Y	Y	
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	Y	
- blower housing acoustical lining			NP
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>	Y	Y	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 5

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

Exhaust air outlet:

Location:

Accessible for inspection? Y ✓ N (explain):

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Accessible in-line fire dampers Est. total qty No. locations inspected - Accessible turning vanes Est. total qty No. locations inspected - Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 6

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: If component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Exhaust air outlet:

Location:

Accessible for inspection? Y ✓ N (explain):

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Accessible in-line fire dampers Est. total qty No. locations inspected - Accessible turning vanes Est. total qty No. locations inspected - Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #7

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean ☐ Y ☐ N dry ☐ Y ☐ N stored chemicals/refuse ☐ Y ☐ N

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Exhaust air outlet:

Location:

Accessible for inspection? Y ☒ N ☐ (explain):

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____

- Accessible turning vanes Est. total qty _____ No. locations inspected _____

- Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #8

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: If component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

Exhaust air outlet: Location:

Accessible for inspection? Y ✓ N (explain):

- louvers, grates and/or screens

Y

Y

- outside air duct

Y

Y

- outside air damper(s)

Y

Y

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

Y

Y

- blower housing acoustical lining

NP

- vibration collars

NP

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

Y

Y

- Accessible in-line fire dampers Est. total qty No. locations inspected

NP

- Accessible turning vanes Est. total qty No. locations inspected

NP

- Exhaust air grilles Est. total qty 9 No. locations inspected 0

I

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #9

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: If component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

Exhaust air outlet:

Location:

Accessible for inspection? Y ✓ N (explain):

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board

flex-duct wood

- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____

- Accessible turning vanes Est. total qty _____ No. locations inspected _____

- Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

General Impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #10

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical rooms: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: If component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

Exhaust air outlet: Location:

Accessible for inspection? Y ✓ N (explain):

- louvers, grates and/or screens

Y

Y

- outside air duct

Y

Y

- outside air damper(s)

Y

Y

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

Y

Y

- blower housing acoustical lining

NP

- vibration collars

NP

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board

flex-duct wood

Y

Y

- Accessible in-line fire dampers Est. total qty No. locations inspected

NP

- Accessible turning vanes Est. total qty No. locations inspected

NP

- Exhaust air grilles Est. total qty 9 No. locations inspected 0

I

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #11

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean ☐ Y ☐ N dry ☐ Y ☐ N stored chemicals/refuse ☐ Y ☐ N

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Exhaust air outlet:

Location:

Accessible for inspection? Y ☒ N ☐ (explain):

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____

- Accessible turning vanes Est. total qty _____ No. locations inspected _____

- Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 12

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

Exhaust air outlet:

Location:

Accessible for inspection? Y ✓ N (explain):

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Accessible in-line fire dampers Est. total qty No. locations inspected - Accessible turning vanes Est. total qty No. locations inspected - Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification: MECHANICAL EXHAUST FAN # 13			
Location: MAIN ROOF - 300 ALBANY STREET		Area Served:	
Associated mechanical room: clean <u>Y</u> <u>N</u> dry <u>Y</u> <u>N</u> stored chemicals/refuse <u>Y</u> <u>N</u>			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/Debris Present?	WTC Dust Present?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? Y <u>✓</u> N <u> </u> (explain):			
- louvers, grates and/or screens		<u>Y</u>	<u>Y</u>
- outside air duct		<u>Y</u>	<u>Y</u>
- outside air damper(s)		<u>Y</u>	<u>Y</u>
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators		<u>Y</u>	<u>Y</u>
- blower housing acoustical lining			
- vibration collars			NP NP
Exhaust air distribution:			
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood		<u>Y</u>	<u>Y</u>
- Accessible in-line fire dampers Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #14

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

Exhaust air outlet:

Location:

Accessible for inspection? Y ✓ N (explain):

- louvers, grates and/or screens

Y

Y

- outside air duct

Y

Y

- outside air damper(s)

Y

Y

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

Y

Y

- blower housing acoustical lining

NP

- vibration collars

NP

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board

flex-duct wood

Y

Y

- Accessible in-line fire dampers Est. total qty No. locations inspected

NP

- Accessible turning vanes Est. total qty No. locations inspected

NP

- Exhaust air grilles Est. total qty 9 No. locations inspected 0

I

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #15

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean ☐ Y ☐ N dry ☐ Y ☐ N stored chemicals/refuse ☐ Y ☐ N

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Exhaust air outlet:

Location:

Accessible for inspection? Y ☒ N ☐ (explain):

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____

- Accessible turning vanes Est. total qty _____ No. locations inspected _____

- Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #16

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical rooms: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

Exhaust air outlet: Location:

Accessible for inspection? Y ✓ N (explain):

- louvers, grates and/or screens

Y

Y

- outside air duct

Y

Y

- outside air damper(s)

Y

Y

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

Y

Y

- blower housing acoustical lining

NP

- vibration collars

NP

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

Y

Y

- Accessible in-line fire dampers Est. total qty No. locations inspected

NP

- Accessible turning vanes Est. total qty No. locations inspected

NP

- Exhaust air grilles Est. total qty 9 No. locations inspected 0

I

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #17

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean ☐ Y ☐ N dry ☐ Y ☐ N stored chemicals/refuse ☐ Y ☐ N

System Components

[NOTE: If component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

Exhaust air outlet: Location:

Accessible for inspection? Y ☒ N ☐ (explain):

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____

- Accessible turning vanes Est. total qty _____ No. locations inspected _____

- Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

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Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 18

Location:

MAIN ROOF - 300 ALBANY STREET

Area Served:

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N

System Components

[NOTE: If component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

Exhaust air outlet: Location:

Accessible for inspection? Y ✓ N (explain):

- louvers, grates and/or screens

Y

Y

- outside air duct

Y

Y

- outside air damper(s)

Y

Y

Exhaust fan unit:

- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators

Y

Y

- blower housing acoustical lining

NP

- vibration collars

NP

Exhaust air distribution:

- Exhaust air ducts Est. total in ft 100 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board

flex-duct wood

Y

Y

- Accessible in-line fire dampers Est. total qty No. locations inspected

NP

- Accessible turning vanes Est. total qty No. locations inspected

NP

- Exhaust air grilles Est. total qty 9 No. locations inspected 0

I

Other (specify):

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- WTC RELATED DUST WAS OBSERVED IN THE FAN AND ITS COMPONENTS, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- CLEAN THE EXHAUST FAN, ITS COMPONENTS AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.4 Passive Shaft/Duct Visual Inspection Form

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Passive Shaft/Duct Identification:			
Location:		Area Served:	
PASSIVE SHAFT #19		MAIN REEF - 300 ALBANY STREET LAUNDRY ROOMS	
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Outside air intake (if servicing supply air): Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates, screens or weather cap	Y	N	
Exhaust outlet/louver (if servicing exhaust air): Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates, screens or weather cap	Y	N	
Supply air distribution (if servicing supply air):			
- Supply air outlet(s) Est. total qty <u>10</u> No. locations inspected <u>3</u>			
Specify shaft substrate (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood			
- Accessible fire dampers Est. total qty _____ No. locations inspected <u>3</u>			
- Pipes/mechanical equipment, etc. located in shaft			
Return air distribution (if servicing exhaust air):			
- Exhaust air inlet(s) Est. total qty <u>10</u> No. locations inspected <u>1</u>			
Specify shaft substrate (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
- Accessible fire dampers Est. total qty _____ No. locations inspected _____			
- Pipes/mechanical equipment, etc. located in shaft			
Other (specify):			
Other Information:			
General impression (indicate recommendations for cleaning based on finding of WTC dust): No WTC dust was observed. No CLEANING IS REQUIRED FOR WTC RELATED DUST.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation Syst Visual Inspection Form

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Ventilation System Identification: COMFORT FIRE WINDOW UNIT			
Location: ELEVATOR ROOM - 300 ALBANY STREET		Area Served: ELEVATOR ROOM	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Outside air intake: Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens	Y	N	
- outside air duct			NP
- outside air damper(s)			NP
Air handling unit:			
- outside air mixing chamber			NP
- filter rack(s)	Y	N	
- filter media	Y	N	
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- pre-heat coils			NP
- heating coils			NP
- cooling coils	Y	N	
- re-heat coils	Y	N	
- condensate drain pan			NP
- supply air plenum			NP
- supply air plenum damper(s)			NP
- vibration collars			NP
Supply air distribution:			
- Supply air ducts Est. total in ft <u>1</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NP
- Supply air diffusers Est. total qty _____ No. locations inspected _____			NP
Return air distribution:			
- Return air ducts Est. total in ft <u>1</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Return air plenum Est. total RA plenum areas _____ No. locations inspected _____			NP
- Return air plenum damper Est. total qty _____ No. locations inspected _____			NP
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Return air grilles Est. total qty <u>1</u> No. locations inspected <u>1</u>	Y	N	

2.1 Central Ventilation Sys. Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>NO FILTER</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): <u>* BLACK DUST WAS OBSERVED IN THE COMPONENTS OF THE UNIT.</u> <u>- NO WTC RELATED DUST WAS OBSERVED.</u> <u>- NO CLEANING IS REQUIRED FOR WTC RELATED DUST.</u>			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

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Ventilation System Identification: McQUAY Hv.			
Location: Room behind Machine Room-300 ALBANY STREET		Area Served: 2nd to 9th FLOOR HALLWAYS - SOUTH-EAST SIDE	
Associated mechanical room: clean <u>Y</u> <u>N</u> dry <u>Y</u> <u>N</u> stored chemicals/refuse <u>Y</u> <u>N</u>			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/Debris Present?	WTC Dust Present?
Outside air intake: Location:			
Accessible for inspection? Y <u>✓</u> N <u> </u> (explain):			
- louvers, grates and/or screens		Y	N
- outside air duct		Y	N
- outside air damper(s)		Y	N
Air handling unit:			
- outside air mixing chamber			NP
- filter rack(s)		Y	N
- filter media		Y	N
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators		Y	N
- blower housing acoustical lining		Y	N
- pre-heat coils			NP
- heating coils		Y	N
- cooling coils			NP
- re-heat coils			NP
- condensate drain pan			NP
- supply air plenum		Y	N
- supply air plenum damper(s)		Y	N
- vibration collars		Y	N
Supply air distribution:			
- Supply air ducts Est. total in ft <u>100</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood		Y	N
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>1</u>		Y	N
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			NF
- In-line reheat/cooling coils Est. total qty <u> </u> No. locations inspected <u> </u>			NF
- Supply air diffusers Est. total qty <u>9</u> No. locations inspected <u>1</u>		Y	N
Return air distribution:			
- Return air ducts Est. total in ft <u> </u> No. locations inspected <u> </u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood			NP
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>		Y	N
- Return air plenum damper Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Accessible in-line fire dampers Est. total qty <u> </u> No. locations inspected <u> </u>			NF
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			NF
- Return air grilles Est. total qty <u>2</u> No. locations inspected <u>2</u>		Y	N

2.1 Central Ventilation Syst. Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):	Y	N	
Other Information: Filter loading (light, moderate, heavy): <u>HEAVY</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): - No WTC related dust was observed. - NO CLEANING IS REQUIRED FOR WTC RELATED DUST. - HEAVY ACCUMULATION OF BLACK DUST WAS OBSERVED - THE SYSTEM HAS BEEN OUT OF ORDER FOR 15 YEARS, ACCORDING TO MR. RAY PEREZ.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

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Ventilation System Identification: MC QUAY - HV			
Location: MAIN FLOOR PUMP ROOM - 300 ALBANY STREET		Area Served: 2nd to 9th FL. HALLWAYS - WEST SIDE	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Outside air intake: Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens	☒ Y	☒ Y	
- outside air duct	☒ Y	☒ Y	
- outside air damper(s)	☒ Y	☒ Y	
Air handling unit:			
- outside air mixing chamber	☒ Y	☒ Y	
- filter rack(s)	☒ Y	☒ Y	
- filter media	☒ Y	☒ Y	
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators	☒ Y	☒ Y	
- blower housing acoustical lining	☒ Y	☒ Y	
- pre-heat coils			NP
- heating coils	☒ Y	☒ Y	
- cooling coils			
- re-heat coils			NP
- condensate drain pan	☒ Y	☒ Y	
- supply air plenum	☒ Y	☒ Y	
- supply air plenum damper(s)	☒ Y	☒ Y	
- vibration collars	☒ Y	☒ Y	
Supply air distribution:			
- Supply air ducts Est. total ln ft <u>100</u> No. locations inspected <u>2</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	☒ Y	☒ Y	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NF
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NF
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NP
* Supply air diffusers Est. total qty <u>9</u> No. locations inspected <u>1</u>	☒ Y	☐ N	
Return air distribution:			
- Return air ducts Est. total ln ft _____ No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood			NP
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>	☒ Y	☒ Y	
- Return air plenum damper Est. total qty _____ No. locations inspected _____			NP
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NF
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NF
- Return air grilles Est. total qty <u>2</u> No. locations inspected <u>2</u>	☒ Y	☒ Y	

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>HEAVY</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): — WTC RELATED DUST WAS OBSERVED IN THE SYSTEM. — HEAVY ACCUMULATION OF WTC RELATED DUST WAS OBSERVED IN THE COMPONENTS OF AIR HANDLING UNIT. — CLEANING IS REQUIRED FOR WTC RELATED DUST, THE ENTIRE SYSTEM MUST BE CLEANED. — MAINTENANCE CONCERN: FIRE DAMPER, CONSTRUCTION DEBRIS, CARDBOARD FOUND TO BE LAYING ON THE TURNING VANE ON THE MAIN RISER, ON THE 2 ND FLOOR.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

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Ventilation System Identification:			
AC UNIT: HANGING FROM THE CEILING - COMPACTOR AREA			
Location: 300 ALBANY STREET BEHIND MAILROOM VESTIBULE SERVICE AREA		Area Served: MAILROOM VESTIBULE AREA	
Associated mechanical room: clean ☒ Y ☐ N dry ☐ Y ☐ N stored chemicals/refuse ☐ Y ☐ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Outside air intake: Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens	Y	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Air handling unit:			
- outside air mixing chamber			NP
- filter rack(s)	Y	N	
- filter media	Y	N	
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- pre-heat coils			NP
- heating coils			NP
- cooling coils	Y	N	
- re-heat coils			NP
- condensate drain pan	Y	N	
- supply air plenum	Y	N	
- supply air plenum damper(s)	Y	N	
- vibration collars	Y	N	
Supply air distribution:			
- Supply air ducts Est. total in ft <u>20</u> No. locations inspected <u>5</u> Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty <u>1</u> No. locations inspected <u>1</u>	Y	N	
- Accessible turning vanes Est. total qty <u>01</u> No. locations inspected <u>0</u>			NF
- In-line reheat/cooling coils Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Supply air diffusers Est. total qty <u>5</u> No. locations inspected <u>2</u>	Y	N	
Return air distribution:			
- Return air ducts Est. total in ft <u>20</u> No. locations inspected <u>2</u> Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>	Y	N	
- Return air plenum damper Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Accessible in-line fire dampers Est. total qty <u>02</u> No. locations inspected <u>0</u>			NF
- Accessible turning vanes Est. total qty <u>01</u> No. locations inspected <u>0</u>			NF
- Return air grilles Est. total qty <u>2</u> No. locations inspected <u>2</u>	Y	N	

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>HEAVY</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): <u>— NO WTC related dust was observed.</u> <u>— NO CLEANING IS REQUIRED FOR WTC RELATED DUST.</u>			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation Syst. Visual Inspection Form

Page 1 of 2

Ventilation System Identification:

SKIL-AIRE A/C SPLIT UNIT

Location:

PUMP ROOM - 300 ALBANY STREET

Area Served:

LOBBY

Associated mechanical room: clean Y N dry Y N stored chemicals/refuse Y N ☒

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

Outside air intake: Location:

Accessible for inspection? Y ☒ N (explain):

- louvers, grates and/or screens

Y

Y

- outside air duct

Y

Y

- outside air damper(s)

Y

Y

Air handling unit:

- outside air mixing chamber

NP

- filter rack(s)

Y

Y

- filter media

Y

Y

- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators

Y

Y

- blower housing acoustical lining

Y

Y

- pre-heat coils

NP

- heating coils

NP

- cooling coils

Y

Y

- re-heat coils

NP

- condensate drain pan

Y

Y

- supply air plenum

Y

Y

- supply air plenum damper(s)

Y

Y

- vibration collars

Y

Y

Supply air distribution:

- Supply air ducts Est. total ln ft 50 No. locations inspected 4Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

Y

Y

- Accessible in-line fire dampers Est. total qty 62 No. locations inspected 0

NF

- Accessible turning vanes Est. total qty 01 No. locations inspected 0

NF

- In-line reheat/cooling coils Est. total qty No. locations inspected

NP

- Supply air diffusers Est. total qty 3 No. locations inspected 3

Y

N

Return air distribution:

- Return air ducts Est. total ln ft 20 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

Y

Y

- Return air plenum Est. total RA plenum areas 1 No. locations inspected 1

Y

Y

- Return air plenum damper Est. total qty No. locations inspected

NP

- Accessible in-line fire dampers Est. total qty 02 No. locations inspected 0

NF

- Accessible turning vanes Est. total qty 01 No. locations inspected 0

NF

- Return air grilles Est. total qty 2 No. locations inspected 2

Y

Y

2.1 Central Ventilation System Visual Inspection Form

Page 2 of 2

System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information:			
Filter loading (light, moderate, heavy): <u>HEAVY</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (Indicate recommendations for cleaning based on finding of WTC dust):			
WTC related dust was observed in the system. CLEANING IS RECOMMENDED FOR THE ENTIRE SYSTEM.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

Page 1 of 2

Ventilation System Identification:			
HV- NORTH 300 ALBANY STREET			
Location: 300 ALBANY STREET NORTH SIDE OF LOBBY ENTRANCE		Area Served: LOBBY	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Outside air intake: Location:			
Accessible for inspection? Y ☐ N ☐ (explain):			NP
- louvers, grates and/or screens			NP
- outside air duct			NP
- outside air damper(s)			NP
Air handling unit:			
- outside air mixing chamber			NP
- filter rack(s)	Y	N	
- filter media	Y	N	
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- pre-heat coils			NP
- heating coils	Y	N	
- cooling coils			NP
- re-heat coils			NP
- condensate drain pan			NP
- supply air plenum	Y	N	
- supply air plenum damper(s)			NP
- vibration collars			NP
Supply air distribution:			
- Supply air ducts Est. total in ft <u>2</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NP
- Supply air diffusers Est. total qty <u>1</u> No. locations inspected <u>1</u>	Y	N	
Return air distribution:			
- Return air ducts Est. total in ft <u>2</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>	Y	N	
- Return air plenum damper Est. total qty _____ No. locations inspected _____			NP
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Return air grilles Est. total qty <u>1</u> No. locations inspected <u>1</u>	Y	N	

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: If component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information:			
Filter loading (light, moderate, heavy): <u>LIGHT</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust):			
— BLACK DUST, LIGHT ACCUMULATION WAS OBSERVED IN THE COMPONENTS OF THE EXHAUST FAN. — NO WTC RELATED DUST WAS OBSERVED. — NO CLEANING IS REQUIRED FOR WTC RELATED DUST.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

Page 1 of 2

Ventilation System Identification:			
HV- SOUTH SIDE OF LOBBY			
Location: HV- SOUTH SIDE OF LOBBY - 300 ALBANY STR.		Area Served: LOBBY	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/ Debris Present?	WTC Dust Present?
Component • not present • not found • inaccessible			
Outside air intake: Location:			
Accessible for inspection? Y ☐ N ☐ (explain):			
- louvers, grates and/or screens			NP
- outside air duct			NP
- outside air damper(s)			NP
Air handling unit:			
- outside air mixing chamber			NP
- filter rack(s)		Y	N
- filter media		Y	N
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators		Y	N
- blower housing acoustical lining		Y	N
- pre-heat coils			NP
- heating coils		Y	N
- cooling coils			NP
- re-heat coils			NP
- condensate drain pan			NP
- supply air plenum		Y	N
- supply air plenum damper(s)			NP
- vibration collars			NP
Supply air distribution:			
- Supply air ducts Est. total ln ft <u>2</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>		Y	N
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NP
- Supply air diffusers Est. total qty <u>1</u> No. locations inspected <u>1</u>		Y	N
Return air distribution:			
- Return air ducts Est. total ln ft <u>2</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>		Y	N
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>		Y	N
- Return air plenum damper Est. total qty _____ No. locations inspected _____			NP
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Return air grilles Est. total qty _____ No. locations inspected _____		Y	N

2.1 Central Ventilation System Visual Inspection Form

Page 2 of 2

System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify): 			
Other Information: Filter loading (light, moderate, heavy): <u>LIGHT</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): - BLACK DUST, LIGHT ACCUMULATION WAS OBSERVED IN THE COMPONENTS OF THE EXHAUST FAN. - NO WTC RELATED DUST WAS OBSERVED. - NO CLEANING IS REQUIRED FOR WTC RELATED DUST.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

300 Albany St.