

2 South END AVE



ATHENICA
ENVIRONMENTAL SERVICES INC.

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

**Tel (718) 784-7490
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January 30, 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: 2 South End Avenue, 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 15, 2003.

Qualifications:

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

Background:

2 South End Avenue is a 09-story building with 162 residential units. The manager of the building is Mr. Dan Wurtzul from Cooper Square Management Corp. at 212 -682-7373. The superintendent of the building is Bob Mauceri at 212 786-4461 or at 212-786-4557.

Post 9/11 Maintenance History:

No post 9/11 maintenance activity reports were available at the time of our inspection. Athenica contacted Cooper Square Management Corp. on January 13 and January 21, 2003 to request these maintenance records. We received no response.

2 South End Avenue, Manhattan, NY
January 30, 2003

Inspection Details:

As part of the survey, the Mechanical and the Environmental Professionals inspected the following HVAC system types. All identification data and visual inspections are documented in the attached checklists.

- A. A total of (30) mechanical exhaust fans of kitchens and bathrooms located on the upper roof, (13) mechanical kitchen and bathroom exhaust fans located on the lower roof and (01) fresh air intake for the elevator room.
- B. HVAC unit is located on the upper roof and serves north side of the hallways.
- C. HVAC unit is located on the upper roof and serves south side of the hallways
- D. HVAC unit is located on the lower roof and serves the 2nd floor hallway of the townhouses.
- E. A/C unit is located on the upper bulkhead of the elevator room and serves the elevator room.
- F. One (01) AC split unit is located on the ground floor and serves the gym.
- G. One (01) AC split unit is located on the ground floor in the playroom and serves playroom.
- H. One (01) Lobby AC unit is located on the ground floor in the gym area and serves the lobby

Summary of Findings:

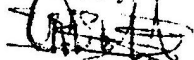
WTC related dust was observed in the mechanical exhaust fans # 30, 29, 28, 26, 25, 16, 12, 04 and the lobby AC unit.

Scope of work:

Cleaning is required to remove WTC related dust from:

- The exhaust fans# 30, 29, 28, 26, 25, 16, 12, 04 and their associated components.
- Lobby AC unit its associated components, located on the ground floor in the gym area and serving the lobby.

Sincerely,



Vasilis Bellos

Director of Operations

Attachments: 1) Ventilation System Evaluation forms

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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>1/15/03</u>	Building contact name and phone:
Evaluation team (list name and affiliation):	
<u>-ALEX. KAZAKOV - ATHENICA ENV. SERV.</u>	(Environmental professional)
<u>TONY GALLO - DUCT DUSTERS</u>	(HVAC professional)
Building address:	Type of Facility (check all that apply):
<u>2 SOUTH END AVE</u>	☐ Residential
<u>NEW YORK NY.</u>	☐ Multi-use
	☐ Other (describe)
Date of construction:	
Number of residential units: <u>169</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 Est. no. of units <u>07</u>	Mechanical exhaust system Est. no. of units <u>43</u>
Mechanical make-up air system Est. no. of units	Passive shaft/duct 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 1/15/03

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

Page 1 of 1

Mechanical Exhaust System Identification:			
MECHANICAL EXHAUST # 1			
Location: UPPER ROOF - 2 SOUTH END AVE		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	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Exhaust fan unit:			
- 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 in ft <u>100</u> No. locations inspected <u>2</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>mescorv</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>	Y	N	
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>			I
- 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):

- 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

2.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification:			
Location: <u>UPPER ROOF - 2 SOUTH END AVE</u>		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	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u> Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>			I
- 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):

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS.
- 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

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST # 3

Location:

UPPER ROOF - 2 SOUTH END AVE

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 02Specify type (circle): ☐ metal ☒ fibrous glass lined metal ☒ masonry ☐ fibrous glass board
☐ flex-duct ☐ wood- Accessible in-line fire dampers Est. total qty 9 No. locations inspected 0- Accessible turning vanes Est. total qty 9 No. locations inspected 0- Exhaust air grilles Est. total qty 9 No. locations inspected 0

Other (specify):

Other Information:

THE FAN IS NOT WORKING.

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS.

- 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 # 4			
Location: UPPER ROOF - 2 SOUTH END AVE		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	N	
- outside air duct	Y	N	
- 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	Y	Y	
- vibration collars			
Exhaust air distribution:			NP
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u> Specify type (circle): ☐ steel ☒ fibrous glass lined metal ☒ masonry ☐ fibrous glass board ☐ flex-duct ☐ wood	Y	Y	
- Accessible in-line fire dampers Est. total qty <u>09</u> No. locations inspected <u>0</u>			I
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Exhaust air grilles Est. total qty <u>09</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 MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- CLEANING IS RECOMMENDED FOR WTC RELATED DUST.
- THE MECHANICAL COMPONENTS & ITS ASSOCIATED DUCTS NEEDED TO BE CLEAN.

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:			
Location: <u>MECHANICAL EXHAUST #5</u>		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?
Exhaust air outlet:	Location:		Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (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 in ft <u>100</u> No. locations inspected <u>02</u>			
Specify type (circle): ☐ metal ☒ fibrous glass lined metal ☒ masonry ☐ fibrous glass board			
☐ flex-duct ☐ wood		Y	N
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>			
- Accessible turning vanes Est. total qty <u></u> No. locations inspected <u></u>			I
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>			NP
Other (specify):			I
Other Information:			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.

- 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 #6 (DRYER EXHAUST)			
Location: UPPER ROOF - 2 SOUTH END AVE		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? ☒ N (explain):			
- louvers, grates and/or screens	Y	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total in ft 100 No. locations inspected 02			
Specify type (circle): ☒ metal ☒ fibrous glass lined metal ☒ masonry ☐ fibrous glass board			
flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty 9 No. locations inspected 0			I
- 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):

- NO WTC RELATED DUST WAS OBSERVED, IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 7

Location:

UPPER ROOF - 2 SOUTH END AVE

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	N	
- outside air duct		Y	N	
- outside air damper(s)		Y	N	
Exhaust fan unit:				
- 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 in ft <u>100</u> No. locations inspected <u>02</u>				
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood		Y	N	
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>				I
- Accessible turning vanes Est. total qty <u>9</u> No. locations inspected <u>0</u>				NP
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>				I
Other (specify):				
Other Information:				

THE FAN IS NOT WORKING

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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:				
Location: <u>MECHANICAL EXHAUST #8</u>		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	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		Y	N	
Exhaust air distribution:				NP
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</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 <u>9</u> No. locations inspected <u>0</u>				I
- 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):

- No WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 9

Location:

UPPER ROOF - 2 SOUTH END AVE

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	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				
- blower housing acoustical lining		Y	N	
- vibration collars		Y	N	
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u>				NP
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> flex-duct wood				
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				I
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>				NP
Other (specify):				I
Other Information:				

- THE FAN IS NOT WORKING.

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.

- 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:				
Location: <u>UPPER ROOF - 2 SOUTH END AVE</u>		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	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		Y	N	
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u>				NP
Specify type (circle): metal <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood				
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				I
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>				NP
Other (specify):				I
Other Information:				

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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:

Location: MECHANICAL EXHAUST # 11
UPPER ROOF - 2 SOUTH END AVE

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 02

Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

- Accessible in-line fire dampers Est. total qty 9 No. locations inspected 0

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

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

Other (specify): _____ No. locations inspected 0

Other Information:

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.

- 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

Mechanical Exhaust System Identification: MECHANICAL EXHAUST # 12				
Location: UPPER ROOF - 2 SOUTH END AVE		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):		Y	Y	
- 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		Y	Y	
- vibration collars				NP
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</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 <u>9</u> No. locations inspected <u>0</u>				I
- 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 MECHANICAL COMPONENTS AND ITS ASSOCIATED COMPONENTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST. THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS NEEDED TO BE CLEANED

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:		Area Served:		
Location: <u>MECHANICAL EXHAUST # 12</u>				
Location: <u>UPPER ROOF - 2 SOUTH END AVE</u>		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	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				
- blower housing acoustical lining		Y	N	
- vibration collars		Y	N	
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u>				NP
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex duct wood				
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				I
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>				NP
Other (specify):				I
Other Information:				

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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:				
Location: <u>MECHANICAL EXHAUST # 14</u>		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	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 in ft <u>100</u> No. locations inspected <u>02</u>				
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood		Y	N	
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>				I
- 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):

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 15

Location:

UPPER ROOF - 2 SOUTH END AVE

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	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				
- blower housing acoustical lining		Y	N	
- vibration collars		Y	N	
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u>				NP
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood				
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				I
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>				NP
Other (specify):				I
Other Information:				

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

- No WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 16				
Location: UPPER ROOF - 2 SOUTH END AVE		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):		Y	Y	
- 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 vases, in-line noise attenuators		Y	Y	
- blower housing acoustic lining		Y	Y	
- vibration collars				NP
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft 100 No. locations inspected 02				
Specify type (circle): metal <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood		Y	N	
- Accessible in-line fire dampers Est. total qty 9 No. locations inspected 0				I
- 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 DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.

— CLEANING IS REQUIRED FOR WTC RELATED DUST.

THE MECHANICAL COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS NEED TO BE CLEANED

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

2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST # 17

Location:

UPPER ROOF - 2 SOUTH END AVE

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):		Y	Y	
- 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		Y	Y	
- vibration collars				NP
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft 100 No. locations inspected 02				
Specify type (circle): metal <u>fibrous glass lined metal</u> masonry fibrous glass board				
flex-duct wood		Y	N	
- Accessible in-line fire dampers Est. total qty 9 No. locations inspected 0				I
- 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 DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.

CLEANING IS REQUIRED FOR WTC RELATED DUST.

THE MECHANICAL COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS NEED TO BE CLEANED

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 #18

Location:

UPPER ROOF - 2 SOUTH END AVE

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	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				NP
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u>				
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood				
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				I
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>				NP
Other (specify):				I
Other Information:				

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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:			
Location:		Area Served:	
MECHANICAL EXHAUST # 19			
UPPER ROOF - 2 SOUTH END AVE			
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components		Surface Dust/Debris Present?	WTC Dust Present?
[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]			
Exhaust air outlet:	Location:		Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (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 in ft <u>100</u> No. locations inspected <u>02</u>			
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood		Y	N
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>			
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			I
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>			NP
Other (specify):			I
Other Information:			
THE FAN IS NOT WORKING			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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:		Area Served:		
MECHANICAL EXHAUST #20				
Location: UPPER ROOF - 2 SOUTH END AVE				
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	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				
- blower housing acoustical lining		Y	N	
- vibration collars		Y	N	
Exhaust air distribution:				NP
- Exhaust air ducts Est. total in ft 100 No. locations inspected 02				
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> flex-duct wood				
- Accessible in-line fire dampers Est. total qty 9 No. locations inspected 0		Y	N	
- Accessible turning vanes Est. total qty _____ No. locations inspected _____				I
- Exhaust air grilles Est. total qty 9 No. locations inspected 0				NP
Other (specify):				I
Other Information:				

THE FAN IS NOT WORKING

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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:			
Location:		Area Served:	
MECHANICAL EXHAUST # 21			
UPPER ROOF - 2 SOUTH END AVE			
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?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (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 in ft <u>100</u> No. locations inspected <u>02</u>			
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood		Y	N
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>			I
- 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):

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 22

Location:

UPPER ROOF - 2 SOUTH END AVE

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	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				
- blower housing acoustical lining		Y	N	
- vibration collars		Y	N	
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u>				NP
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood				
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				I
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>				NP
Other (specify):				I
Other Information:				

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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:				
Location: <u>UPPER ROOF - 2 SOUTH END AVE</u>		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	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				
- blower housing acoustical lining		Y	N	
- vibration collars		Y	N	
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u>				NP
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>				
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				I
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>				NP
Other (specify):				I
Other Information:				

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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:				
Location: <u>UPPER ROOF - 2 SOUTH END AVE</u>		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	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				
- blower housing acoustical lining		Y	N	
- vibration collars		Y	N	
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u>				NP
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>				
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				I
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>				NP
Other (specify):				I
Other Information:				

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST #25

Location:

UPPER ROOF - @ SOUTH END AVE

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):	Y	Y	
- 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	Y	Y	
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft <u>100</u> No. locations inspected <u>02</u>			
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood	Y	Y	
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>			I
- 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 DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.

- CLEANING IS REQUIRED FOR WTC RELATED DUST. THE MECHANICAL COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS NEED TO BE CLEANED.

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 #26			
Location: UPPER ROOF - 2 SOUTH END AVE		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):	Y	Y	
- 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	Y	Y	
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft <u>100</u> No. locations inspected <u>02</u>			
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood	Y	Y	
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>			I
- 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 DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST. THE MECHANICAL COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS NEED TO BE CLEANED.

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 # 27

Location: UPPER ROOF - 2 SOUTH END AVE **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	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				
- blower housing acoustical lining		Y	N	
- vibration collars		Y	N	
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>100</u> No. locations inspected <u>02</u>				NP
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood				
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty _____ No. locations inspected _____				I
- Exhaust air grilles Est. total qty _____ No. locations inspected _____				NP
Other (specify): _____				I
Other Information:				

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

- No WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 #28			
Location: UPPER ROOF - S. SOUTH END AVE		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):	Y	Y	
- 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	Y	Y	
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft <u>100</u> No. locations inspected <u>02</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 <u>9</u> No. locations inspected <u>0</u>			I
- 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 DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST. THE MECHANICAL COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS NEED TO BE CLEANED.

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 # 29			
Location: UPPER ROOF - 2 SOUTH END AVE		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?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (explain):		Y	Y
- 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		Y	Y
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft <u>100</u> No. locations inspected <u>02</u>			
Specify type (circle): metal <u>fibrous glass lined metal</u> masonry fibrous glass board			
flex-duct wood		Y	Y
- Accessible in-line fire dampers Est. total qty <u>9</u> No. locations inspected			I
- Accessible turning vanes Est. total qty No. locations inspected			NP
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected			I
Other (specify):			
Other Information:			

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

- WTC DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS OF THE FAN, AND ITS ASSOCIATED DUCTS.
- CLEANING IS REQUIRED FOR WTC RELATED DUST.
- THE MECHANICAL COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS NEED TO BE CLEANED

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

2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification:			
MECHANICAL EXHAUST #		30	
Location: UPPER ROOF - 2 SOUTH END AVE		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]	Surfactant Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Exhaust air outlet: Location:			
Accessible for inspection ☒ Y ☐ N (explain):	Y	Y	
- 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 vases, in-line noise attenuators	Y	Y	
- blower housing acoustical lining	Y	Y	
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total in ft. 100 No. locations inspected 02			
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>asbestos</u> fibrous glass board flex-duct wood	Y	Y	
- Accessible in-line fire dampers Est. total qty 9 No. locations inspected 0			I
- 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 (in addition recommendations for cleaning based on finding of WTC dust):

- WTC DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.

- CLEANING IS REQUIRED FOR WTC RELATED DUST.

THE MECHANICAL COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS NEED TO BE CLEANED

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 # 31			
Location:		Area Served:	
LOWER ROOF - 2 SOUTH END AVE			
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?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (explain):			
- louvers, grates and/or screens		Y	N
- outside air duct		Y	N
- outside air damper(s)		Y	N
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators		Y	N
- blower housing acoustical lining		Y	N
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total in ft <u>20</u> No. locations inspected <u>01</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>2</u> No. locations inspected <u>0</u>			I
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 32			
Location: LOWER ROOF - 2 SOUTH END AVE		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	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 in ft <u>20</u> No. locations inspected <u>21</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>2</u> No. locations inspected <u>0</u>			I
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 33			
Location:		Area Served:	
LOWER ROOF - 2 SOUTH END AVE			
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?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (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>20</u> No. locations inspected <u>01</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>2</u> No. locations inspected <u>0</u>			I
- Accessible turning vanes Est. total qty <u></u> No. locations inspected <u></u>			NP
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 34			
Location:		Area Served:	
LOWER ROOF - 2 SOUTH END AVE			
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?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (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>20</u> No. locations inspected <u>01</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>2</u> No. locations inspected <u>0</u>			I
- Accessible turning vanes Est. total qty <u>2</u> No. locations inspected <u>0</u>			NP
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 35				
Location:		Area Served:		
LOWER ROOF - 2 SOUTH END AVE				
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	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				NP
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>20</u> No. locations inspected <u>01</u>				
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood				
- Accessible in-line fire dampers Est. total qty <u>2</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				I
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>				NP
Other (specify):				I
Other Information:				

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 #36			
Location:		Area Served:	
LOWER ROOF - 2 SOUTH END AVE			
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?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (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 in ft <u>20</u> No. locations inspected <u>01</u>			
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood			
- Accessible in-line fire dampers Est. total qty <u>2</u> No. locations inspected <u>0</u>		Y	N
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			I
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>			NP
Other (specify):			I
Other Information:			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 37				
Location: LOWER ROOF - 2 SOUTH END AVE		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	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				NP
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>20</u> No. locations inspected <u>01</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>2</u> No. locations inspected <u>0</u>				I
- Accessible turning vanes Est. total qty <u>2</u> No. locations inspected <u>0</u>				NP
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>				I
Other (specify):				
Other Information:				

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 38			
Location:		Area Served:	
LOWER ROOF - 2 SOUTH END AVE			
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?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (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 in ft <u>20</u> No. locations inspected <u>01</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>2</u> No. locations inspected <u>0</u>			I
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 39			
Location:		Area Served:	
LOWER ROOF - 2 SOUTH END AVE			
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?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (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 in ft 20 No. locations inspected 01			
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood			
- Accessible in-line fire dampers Est. total qty 2 No. locations inspected 0		Y	N
- Accessible turning vanes Est. total qty No. locations inspected			I
- Exhaust air grilles Est. total qty 2 No. locations inspected 0			NP
Other (specify):			I
Other Information:			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 40			
Location: LOWER ROOF - 2 SOUTH END AVE		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	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			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total in ft <u>20</u> No. locations inspected <u>01</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>2</u> No. locations inspected <u>0</u>			I
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>			NP
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 41				
Location:		Area Served:		
LOWER ROOF - 2 SOUTH END AVE				
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	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				NP
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>20</u> No. locations inspected <u>01</u>				
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood				
- Accessible in-line fire dampers Est. total qty <u>2</u> No. locations inspected <u>0</u>		Y	N	
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				I
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>				NP
Other (specify):				I
Other Information:				

THE FAN IS NOT WORKING

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 42

Location:

LOWER ROOF - 2 SOUTH END AVE

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):		Y	N	
- louvers, grates and/or screens		Y	N	
- outside air duct		Y	N	
- outside air damper(s)		Y	N	
Exhaust fan unit:				
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators		Y	N	
- blower housing acoustical lining		Y	N	
- vibration collars				NP
Exhaust air distribution:				
- Exhaust air ducts Est. total in ft <u>20</u> No. locations inspected <u>01</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>2</u> No. locations inspected <u>0</u>				I
- Accessible turning vanes Est. total qty <u> </u> No. locations inspected <u> </u>				NP
- Exhaust air grilles Est. total qty <u>2</u> No. locations inspected <u>0</u>				I
Other (specify):				
Other Information:				

THE FAN IS NOT WORKING

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- 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 # 43			
Location:		Area Served:	
LOWER ROOF - 2 SOUTH END AVE			
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?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? ☒ Y ☐ N (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 in ft 20 No. locations inspected 01			
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood			
- Accessible in-line fire dampers Est. total qty 2 No. locations inspected 0		Y	N
- Accessible turning vanes Est. total qty No. locations inspected			I
- Exhaust air grilles Est. total qty 2 No. locations inspected 0			NP
Other (specify):			I
Other Information:			
THE FAN IS NOT WORKING			

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND ITS ASSOCIATED DUCTS.
- NO CLEANING IS REQUIRED FOR WTC RELATED DUST.

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

2.4 Passive Shaft/Duct Visual Inspection Form

Passive Shaft/Duct Identification:			
FRESH AIR INTAKE FOR THE ELEVATOR ROOM.			
Location: ELEVATOR ROOM		Area Served: ELEVATOR ROOM	
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):	Y	N	
- 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>1</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 _____			NP
- Pipes/mechanical equipment, etc. located in shaft			NP
Return air distribution (if servicing exhaust air):			
- Exhaust air inlet(s) Est. total qty <u>1</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 _____			NP
- Pipes/mechanical equipment, etc. located in shaft			NP
Other (specify):			
Other Information:			
General impression (indicate recommendations for cleaning based on finding of WTC dust):			
- NO WTC RELATED DUST WAS OBSERVED IN THE DUCT.			
- NO CLEANING IS REQUIRED FOR WTC RELATED DUST.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

HVAC / HALLWAYS

Location:

ROOF - 2 SOUTH END AVE

Area Served:

HALLWAYS - NORTH SECTION

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

- outside air duct

- outside air damper(s)

Air handling unit:

- outside air mixing chamber

- filter rack(s)

- filter media

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

- blower housing acoustical lining

- pre-heat coils

- heating coils

- cooling coils

- re-heat coils

- condensate drain pan

- supply air plenum

- supply air plenum damper(s)

- vibration collars

Supply air distribution:

- Supply air ducts Est. total ln ft 150
Specify type (circle): flex No. locations inspected 03

Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board

- Accessible in-line fire dampers Est. total qty 9 No. locations inspected 0

- | | | |
|--------------------------------|----------------------|-------------------------------|
| - Accessible turning vanes | Est. total qty _____ | No. locations inspected _____ |
| - In-line reheat/cooling coils | Est. total qty _____ | No. locations inspected _____ |

- | | | |
|--------------------------------|----------------------|-------------------------------|
| - In-line reheat/cooling coils | Est. total qty _____ | No. locations inspected _____ |
| - Supply air diffusers | Est. total qty _____ | No. locations inspected _____ |

- Supply air diffusers Est. total qty _____ No. locations inspected _____
Return air distribution: Est. total qty 9 No. locations inspected 3

Return air distribution:

- Return air ducts Est. total in ft 25 No. locations inspected 2
Specify type (circle): flex

Specify type (circle): metal fibrous glass lined meta. masonry fibrous glass board

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

- | | | |
|-----------------------------------|----------------|-------------------------|
| - Return air plenum damper: | Est. total qty | No. locations inspected |
| - Accessible in-line fire damper: | Est. total qty | No. locations inspected |

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

- | | | |
|----------------------------|----------------------|-------------------------------|
| - Accessible turning vanes | Est. total qty _____ | No. locations inspected _____ |
| - Return air grilles | Est. total qty _____ | No. locations inspected _____ |

- | | | |
|--------------------|----------------|-------------------------|
| Return air grilles | Est. total qty | No. locations inspected |
| | 1 | 1 |

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/deteriorated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): - NO WTC RELATED DUST WAS OBSERVED IN THE SYSTEM. - 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

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Ventilation System Identification:

SOUTH HALLWAY HVAC

Location:

Roof-2 South End Ave

Area Served:

HALLWAYS- SOUTH SECTION.

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]

Outside air intake:

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

Y

N

- outside air duct

Y

N

- outside air damper(s)

Y

N

Air handling unit:

Y

N

- outside air mixing chamber

- 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

Y

N

- heating coils

Y

N

- cooling coils

Y

N

- re-heat coils

Y

N

- 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 150 No. locations inspected 3Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board

flex-duct wood

Y

N

- Accessible in-line fire dampers Est. total qty 9 No. locations inspected 0- Accessible turning vanes Est. total qty No. locations inspected - In-line reheat/cooling coils Est. total qty No. locations inspected - Supply air diffusers Est. total qty 9 No. locations inspected 2

Y

N

Return air distribution:

- Return air ducts Est. total in ft 30 No. locations inspected 2Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board

flex-duct wood

Y

N

- Return air plenum Est. total RA plenum areas 1 No. locations inspected 1- Return air plenum damper Est. total qty No. locations inspected - Accessible in-line fire dampers Est. total qty No. locations inspected - Accessible turning vanes Est. total qty No. locations inspected - Return air grilles Est. total qty 1 No. locations inspected 1

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): <u>-NO WTC RELATED DUST WAS OBSERVED IN THE SYSTEM.</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:		Location:		Area Served:	
HVAC		LOWER ROOF		2 nd FLOOR - TOWNHOUSES	
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:				NP	
- outside air mixing chamber					
- 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					
- heating coils				NP	
- cooling coils		Y	N		
- re-heat coils		Y	N		
- condensate drain pan				NP	
- supply air plenum		Y	N		
- supply air plenum damper(s)		Y	N		
- vibration collars		Y	N		
Supply air distribution:				NP	
- Supply air ducts Est. total ln ft <u>15</u> No. locations inspected <u>01</u>					
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board					
flex-duct wood					
- Accessible in-line fire dampers Est. total qty <u>2</u> No. locations inspected <u>0</u>		Y	N		
- Accessible turning vanes Est. total qty _____ No. locations inspected _____		Y	N	I	
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____				NP	
- Supply air diffusers Est. total qty <u>2</u> No. locations inspected <u>2</u>		Y	N	NP	
Return air distribution:					
- Return air ducts Est. total ln ft <u>05</u> No. locations inspected <u>1</u>					
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board					
flex-duct wood					
- 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 _____		Y	N		
- 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	NP	

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): - NO WTC RELATED DUST WAS OBSERVED IN THE SYSTEM. - 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

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Ventilation System Identification:

A/C ELEVATOR ROOM

Location:

UPPER BULKHEAD

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

- outside air duct

- outside air damper(s)

Air handling unit:

- outside air mixing chamber

- filter rack(s)

- filter media

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

- blower housing acoustical lining

- pre-heat coils

- heating coils

- cooling coils

- re-heat coils

- condensate drain pan

- supply air plenum

- supply air plenum damper(s)

- vibration collars

Supply air distribution:

- Supply air ducts Est. total in ft 4 No. locations inspected 2Specify 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 _____

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

- Supply air diffusers Est. total qty 2 No. locations inspected 2

Return air distribution:

- Return air ducts Est. total in ft 4 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Return air plenum Est. total RA plenum areas 1 No. locations inspected 1

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

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

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

- Return air grilles Est. total qty 1 No. locations inspected 1

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): - NO WTC RELATED DUST WAS OBSERVED IN THE SYSTEM. - 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

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Ventilation System Identification:

A/C GYM

Location:

GROUND FLOOR - GYM - 2 SOUTH END AVE

Area Served:

GYM

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

- outside air duct

- outside air damper(s)

Air handling unit:

- outside air mixing chamber

- filter rack(s)

- filter media

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

- blower housing acoustical lining

- pre-heat coils

- heating coils

- cooling coils

- re-heat coils

- condensate drain pan

- supply air plenum

- supply air plenum damper(s)

- vibration collars

Supply air distribution:

- Supply air ducts Est. total in ft 300No. locations inspected 3Specify 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 3 No. locations inspected 0

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

- Supply air diffusers Est. total qty 6 No. locations inspected 6

Return air distribution:

- Return air ducts Est. total in ft 100No. locations inspected 2Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Return air plenum Est. total RA plenum areas 1 No. locations inspected 1

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

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

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

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

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component is 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): <u>- NO WTC RELATED DUST WAS OBSERVED IN THE SYSTEM.</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:

Location:

A/C PLAY ROOM

GROUND FLOOR-PLAY ROOM-250 W 16th Ave

Area Served:

PLAY 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

- outside air duct

- outside air damper(s)

Air handling unit:

- outside air mixing chamber

- filter rack(s)

- filter media

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

- blower housing acoustical lining

- pre-heat coils

- heating coils

- cooling coils

- re-heat coils

- condensate drain pan

- supply air plenum

- supply air plenum damper(s)

- vibration collars

Supply air distribution:

- Supply air ducts Est. total in ft 200 No. locations inspected 02Specify 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 3 No. locations inspected 0

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

- Supply air diffusers Est. total qty 8 No. locations inspected 8

Return air distribution:

- Return air ducts Est. total in ft 50 No. locations inspected 2Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Return air plenum Est. total RA plenum areas 1 No. locations inspected 1

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

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

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

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

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): - NO WTC RELATED DUST WAS OBSERVED IN THE SYSTEM. - 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

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Ventilation System Identification:

A/C LOBBY

Location:

GROUND FLOOR GYM AREA 2 SOUTH END AVE

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:

NP

- outside air mixing chamber

- filter rack(s)

NP

- filter media

Y

Y

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

Y

N

- blower housing acoustical lining

Y

N

- pre-heat coils

Y

N

- heating coils

NP

- cooling coils

NP

- re-heat coils

Y

N

- condensate drain pan

NP

- supply air plenum

Y

N

- supply air plenum damper(s)

Y

N

- vibration collars

NP

Supply air distribution:

- Supply air ducts Est. total ln ft 400 No. locations inspected 03Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board

flex-duct wood

Y

N

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

- Accessible turning vanes Est. total qty 4 No. locations inspected 0

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

- Supply air diffusers Est. total qty 11 No. locations inspected 3

Y

N

Return air distribution:

- Return air ducts Est. total ln ft 2 No. locations inspected 1Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board

flex-duct wood

Y

N

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

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

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

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

- Return air grilles Est. total qty 1 No. locations inspected 1

Y

Y

NP

NP

NP

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 (inlicate recommendations for cleaning based on finding of WTC dust): — WTC RELATED DUST WAS FOUND IN THE RETURN INTAKE. — CLEANING IS RECOMMENDED FOR THE ENTIRE SYSTEM WHICH SERVES THE LOBBY.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			