

2 South End Ave.



ATHENICA
ENVIRONMENTAL SERVICES INC.

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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:

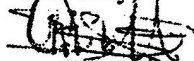
WTC related dust was observed in the mechanical exhaust fans # 30, 29, 28, 26, 25, 16, 12, 04 and the lobby AC unit.

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

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:			
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>2</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
- 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 # 2				
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				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:	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				
Exhaust air distribution:				NP
- Exhaust air ducts Est. total ln 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				
- 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 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:			
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	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): ☐ 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):

- NTC 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

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST #5

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):

- 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:

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

Y

N

Y

N

Y

N

Y

N

Y

N

Y

N

NP

Y

N

I

NP

I

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

- NO WTC RELATED DUST WAS OBSERVED IN THE MECHANICAL COMPONENTS AND 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 #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?
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			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total in ft 100 No. locations inspected 02			
Specify type (circle): ☒ gal ☒ fibrous glass lined metal ☒ masonry ☐ fibrous glass board			
fix-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

Page 1 of 1

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
• inaccessibleAccessible 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 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 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 #8

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):

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

Other (specify):

Other Information:

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

Y

N

Y

N

Y

N

Y

N

Y

N

Y

N

NP

Y

N

I

NP

I

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

Page 1 of 1

Mechanical Exhaust System Identification:

Location: MECHANICAL EXHAUST # 9

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 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 No. locations inspected - 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 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 #10

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

Other (specify):

Other Information:

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

- 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

Page 1 of 1

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]

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 ☒ fibrous glass lined metal ☒ masonry ☐ fibrous glass board				
☐ fire-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.

FY: 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?	☒ 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 NEED TO BE CLEANED

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 # 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]

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:				NP
- 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				
- 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

Page 1 of 1

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				
- 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): 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

Page 1 of 1

Mechanical Exhaust System Identification:

Location:

MECHANICAL EXHAUST # 15

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):

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

Page 1 of 1

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> <u>masonry</u> 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/release ☒ 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 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 (include 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

4.4 Mechanical Exhaust System Visual Inspection Form Page 1 of 1

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]		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 100 No. locations inspected 02				
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 9 No. locations inspected 0		Y	N	
- Accessible turning vanes Est. total qty 9 No. locations inspected 0				I
- Exhaust air grilles Est. total qty 9 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

Page 1 of 1

Mechanical Exhaust System Identification:

Location: MECHANICAL EXHAUST # 19

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
• inaccessibleAccessible 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

- Accessible turning vanes

- Exhaust air grilles

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

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST #20

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
• inaccessibleAccessible 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 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 No. locations inspected - Exhaust air grilles Est. total qty 9 No. locations inspected 0Other (specify): No. locations inspected 0

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.

FY: 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>MECHANICAL EXHAUST # 21</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): 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:				

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

Page 1 of 1

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

- 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 **9** No. locations inspected **0**

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

Other (specify):

Other Information:

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

- **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

Page 1 of 1

Mechanical Exhaust System Identification:

Location: MECHANICAL EXHAUST # 23 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				
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> <u>fibrous glass board</u> 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 _____ No. locations inspected _____				NP
- Exhaust air grilles Est. total qty <u>9</u> No. locations inspected <u>0</u>				I
Other (specify): _____				
Other Information:				

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

- 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

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST # 24

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.

FY: 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 DVE

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 02Specify type (circle): metal fibrous glass lined metal masonry fibrous glass boardflex-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):

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

Page 1 of 1

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):

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

Other (specify):

Other Information:

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

- WTC 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

Page 1 of 1

Mechanical Exhaust System Identification:				
Location: <u>MECHANICAL EXHAUST # 27</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

Page 1 of 1

Mechanical Exhaust System Identification:			
MECHANICAL EXHAUST #28			
Location:		Area Served:	
UPPER ROOF - S. 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):	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): 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 <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

Page 1 of 1

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 in ft <u>100</u> No. locations inspected <u>02</u>			
Specify type (circle): metal <u>fibrous glass lined metal</u> masonry <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			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)

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 vases, in-line noise attenuators

- blower housing acoustical lining

- vibration collars

Exhaust air distribution:

- Exhaust air ducts i.e. 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):

Other Information:

General Impression (in three 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

Page 1 of 1

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?	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>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

MECHANICAL Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 32

Location:

LOWER ROOF - 2 SOUTH END AVE

Area Served:

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

System Components

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

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

Exhaust air outlet:

Location:

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

Y

N

- 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 20 No. locations inspected 01

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

Y

N

NP

- Accessible in-line fire dampers Est. total qty 2 No. locations inspected 0

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

- Exhaust air grilles Est. total qty 2 No. locations inspected 0

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

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 33

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):				
- 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

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 34

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):				
- 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

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 35

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):				
- 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

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN #36

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):				
- 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

Page 1 of 1

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]

Exhaust air outlet:

Location:

Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessibleAccessible 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 20 No. locations inspected 01Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Accessible in-line fire dampers Est. total qty 2 No. locations inspected 0- Accessible turning vanes Est. total qty No. locations inspected - Exhaust air grilles Est. total qty 2 No. locations inspected 0

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

MECHANICAL EXHAUST SYSTEM VISUAL INSPECTION FORM

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 38

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

- 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 20 No. locations inspected 01Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Accessible in-line fire dampers Est. total qty 2 No. locations inspected 0- Accessible turning vanes Est. total qty No. locations inspected - Exhaust air grilles Est. total qty 2 No. locations inspected 0

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

Page 1 of 1

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 <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

Page 1 of 1

Mechanical Exhaust System Identification:			
Location:		Area Served:	
MECHANICAL EXHAUST FAN # 40			
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>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

Page 1 of 1

Mechanical Exhaust System Identification:

MECHANICAL EXHAUST FAN # 41

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):				
- 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:				

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

4.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

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):				
- 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

Page 1 of 1

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		Surface Dust/Debris Present?	WTC Dust Present?
[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]			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 <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

2.4 Passive Shaft/Duct Visual Inspection Form

Passive Shaft/Duct Identification:				
FRESH AIR INTAKE FOR THE ELEVATOR ROOM.				
Location:		Area Served:		
ELEVATOR ROOM		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				

2.1 Central Ventilation System Visual Inspection Form

Page 1 of 2

Ventilation System Identification:

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

- 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 150 No. locations inspected 03Specify 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 _____

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

- Supply air diffusers Est. total qty 9 No. locations inspected 3

Return air distribution:

- Return air ducts Est. total in ft 25 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 1 No. locations inspected 1

2.1 Central Ventilation System Visual Inspection Form

Page 2 of 2

System Component: [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): LIGHT

☐ 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

Page 1 of 2

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 ☒ 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 150 No. 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 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

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

- 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 1Surface
Dust/
Debris
Present?WTC
Dust
Present?Component
• not present
• not found
• inaccessible

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2.1 Central Ventilation System Visual Inspection Form

Page 2 of 2

System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>LIGHT</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): - 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

Page 1 of 2

Ventilation System Identification:

HVAC

Location:

LOWER ROOF

Area Served:

2nd FLOOR HALLWAY - TOWNHOUSESAssociated 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 15 No. locations inspected 01Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood- Accessible in-line fire dampers Est. total qty 2 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 2 No. locations inspected 2

Return air distribution:

- Return air ducts Est. total in ft 05 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 No. locations inspected

2.1 Central Ventilation System Visual Inspection Form

Page 2 of 2

System Components [NOTE: If component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>LIGHT</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): - 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

Page 1 of 2

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

Page 2 of 2

System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information:			
Filter loading (light, moderate, heavy): <u>LIGHT</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust):			
- 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

Page 1 of 2

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 300 No. 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 100 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

Page 2 of 2

System Components

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

Other (specify):

Surface
Dust/
Debris
Present?

WTC
Dust
Present?

Component
• not present
• not found
• inaccessible

Other Information:

Filter loading (light, moderate, heavy): LIGHT

☐ 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

Page 1 of 2

Ventilation System Identification:

Location:

GROUND FLOOR - PLAY ROOM - 250 W 6th 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]

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

- 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 5 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

Page 2 of 2

System Components

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

Surface
Dust/
Debris
Present?

WTC
Dust
Present?

Component
• not present
• not found
• inaccessible

Other (specify):

Other Information:

Filter loading (light, moderate, heavy): LIGHT

☐ 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

Page 1 of 2

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]

System Components	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:			NP
- Supply air ducts Est. total in ft <u>400</u> No. locations inspected <u>05</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>	Y	N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			
- Accessible turning vanes Est. total qty <u>2</u> No. locations inspected <u>0</u>			NP
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NF
- Supply air diffusers Est. total qty <u>11</u> No. locations inspected <u>3</u>	Y	N	NP
Return air distribution:			
- Return air ducts Est. total in ft <u>2</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>			
- 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	Y	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Return air grilles Est. total qty <u>1</u> No. locations inspected <u>1</u>	Y	Y	NP

2.1 Central Ventilation System Visual Inspection Form

Page 2 of 2

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): — 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			