NYC 9/11 Public Portal Document

ENVIRONMENTAL TECHNOLOGIES
a Division, COLE CONSULTING CORPORATION

Elmsford Executive Park, Building 5
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TELEPHONE 914 • 345 • 6000 ■ FACSIMILE 914 • 345 • 0045

February 6th, 2003

Mr. Andrew Confortini
EPA Quad B Leader
USEPA, 17TH Floor
290 Broadway
New York, NY. 10007-1866

Re: **WTC HVAC Report for 130 Water Street**

Dear Mr. Confortini,

According to visual inspection conducted by our HVAC Specialist Duct Dusters Air Duct Cleaning, Environmental Technologies Division, Cole Consulting Corp hereby recommend that two equipments should be cleaned because WTC dust was found in the equipments.

The Mechanical Exhaust System # 10 on the roof is impacted and should be cleaned.

All other systems were not impacted. Please note that there are **there are eighteen (18) Mechanical Exhaust System units on the roof. This constitute four (4) inspections.** Thus we have a total of **four (4) inspections** in this building.

Please do not hesitate to call me if you have any question with this report.

Yours truly,
Environmental Technologies

John Anuforo
Division Manager

NYC-WTC_000133642

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VENTILATION SYSTEM EVALUATION FORM

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

Part 1.0 General Information

Date of evaluation: 2/4/03	Building contact name and phone:
Evaluation team (list name and affiliation):	
	(Environmental professional)
TONY GALLO - DUCT DUSTERS	(HVAC professional)
Building address:	Type of Facility (check all that apply):
130 WATER ST	✓ Residential
NEW YORK, N.Y.	Multi-use
	Other (describe)
Date of construction:	
Number of residential units:	Number of floors: 12
Prior inspection report/maintenance records available for review?:	
Other comments	

Ventilation system types (check all that apply and indicate total no. of units)

Central ventilation system Est. no. of units	Mechanical exhaust system Est. no. of units 18
Mechanical make-up air system Est. no. of units	Passive shaft/duct Est. no. of units
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** 2/4/03

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.

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #1

Location: ROOF

Area Served: DRYER EXHAUST

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts Est. total ln ft 120 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible [illegible] Est. total qty _____ No. locations inspected			NP
Accessible turning vanes Est. total qty No. locations inspected			NP
Exhaust air grilles Est. total qty No. locations inspected			NP
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #2

Location: ROOF

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts inspected 1 Est. total ln ft 120 No. locations. Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible fire damper: Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty No. locations inspected			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #3

Location: Roof | 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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N ____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts Est. total ln ft 120 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty ____ No. locations inspected			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #4

Location: Roof

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts inspected 1 Est. total ln ft 120 No. locations Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty No. locations inspected			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #5

Location: Roof

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N ____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts Est total ln ft 120 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty No. locations inspected			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

NOT WORKING

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #6

Location: Roof

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N ____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts Est total ln ft 120 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty ____ No. locations inspected ____			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #7

Location: Roof | 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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts Est total ln ft 120 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty _____ No. locations inspected			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #8

Location: Roof | 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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N ____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts inspected 1 Est total ln ft 120 No. locations ; Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty No. locations inspected			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #9

Location: Roof

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts inspected 1 Est total ln ft 120 No. locations Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty No. locations inspected			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #10

Location: Roof

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 ξ not present ξ not found ξ 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)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	Y	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution:			
Exhaust air ducts Est total ln ft 120 No. locations inspected 1			
Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	Y	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty ____ No. locations inspected ____			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

WTC DUST FOUND IN SYSTEM. CLEANING IS RECOMMENDED.

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #11

Location: Roof

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts Est total ln ft 120 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #12

Location: Roof

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts Est total ln ft 120 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #13

Location: Roof

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts Est total ln ft 120 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

NOT WORKING

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #14

Location: Roof

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts inspected 1 Est total ln ft 120 No. locations Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty No. locations inspected			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #15

Location: Roof

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts Est total ln ft 120 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #16

Location: Pump Room - Roof | Area Served: Hallways

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts Est total ln ft 150 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 12 No. locations inspected 0			I
Accessible turning vanes Est. total qty _____ No. locations inspected			NP
Exhaust air grilles Est. total qty 12 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #17

Location: 10th Fl. Roof

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?	Compo ξ n present ξ n found ξ inacces
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N _____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts inspected 1 Est total ln ft 100 No. locations Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty 10 No. locations inspected 0			I
Accessible turning vanes Est. total qty No. locations inspected			NP
Exhaust air grilles Est. total qty 10 No. locations inspected 0			I
Other (specify):			

Other Information:

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

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

NYC-WTC_000133660

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2.2 Mechanical Exhaust System Visual Inspection Form

Mechanical Exhaust System Identification: #18 AIR INTAKE

Location: BOILER RM

Area Served: BOILER RM

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 ξ not present ξ not found ξ inaccessible
Exhaust air outlet: Location: Accessible for inspection? Y ✓ N ____ (explain):	Y	N	
louvers, grates and/or screens	Y	N	
outside air duct	Y	N	
outside air damper(s)			NP
Exhaust fan unit:			
blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining			NP
vibration collars			NP
Exhaust air distribution: Exhaust air ducts inspected 1 Est total ln ft 20 No. locations Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty ____ No. locations inspected ____			NP
Accessible turning vanes Est. total qty ____ No. locations inspected ____			NP
Exhaust air grilles Est. total qty 1 No. locations inspected 1	Y	N	
Other (specify):			

Other Information:

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

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