

**NYC Department of Education
Building Condition Assessment Survey 2023-2024**

Mechanical Inspection

M057

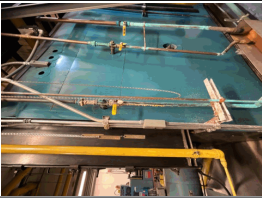

Asset: P.S. 57 - MANHATTAN, 176 EAST 115 STREET, MANHATTAN, NY, 10029

Inspection Id	Inspection Type	Time In	Last Edited
2379	MECHANICAL	2024-01-12 07:09AM	2024-02-21 10:52AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Kitchen: Grease Trap; Fixtures - Drinking Fountains (~80%) Years: 2021 Systems: Kitchen - Hood Fire Suppression System refurbished Years: 2018 Systems: Terminal Unit Thermostatic Traps Years: 2016 Systems: DX Split System for Dental Clinic (1 of 2) Years: 2015 Systems: Kitchen - Gas System Years: 2014
Are there fuel tanks?	No
Total # of water main service entries to the asset	3
MERs/Fan Rooms Locations	MERs 201, 301
Are there any spaces with Missing or Defective CO Detectors?	No
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Rooms B11, B14, B15 (painted, 5)
Are there any Emergency Stop Switches with Missing Hammers?	No components

Priority Condition

Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Photo Image
Yes	Defective Boiler Safety Auxiliary	Piping for Pump Control/Low Water Cut-off Combination and Secondary Low Water Cut-off are corroded	Steam Boiler	Boiler Room / Boiler #1	Gerardo Rodriguez	Custodian	
Yes	Defective Sprinkler/Standpipe System	Defective Siamese Connection Piping	Sprinkler Piping	Building Exterior on 115th Street near Main Entrance	Gerardo Rodriguez	Custodian	

Inspection

Question	Response
Mechanical	
AIR CONDITIONING	Inspected
Chilled Water System	Does not exist
Condenser Water Distribution: Piping, Pumps and Auxiliaries	Does not exist
Cooling Coil in Ductwork	Does not exist
Cooling Tower	Does not exist
DX Split System	Inspected
Indoor Unit	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Dry Cooler	Does not exist

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	Does not exist
Packaged Terminal A/C	Does not exist
Refrigerant Leak Detection System	Does not exist
Refrigerant Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Roof above MER 201
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Return Fan	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not exist
Pneumatic System	Inspected
Instance	Throughout except Auditorium
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Rooms 106, 118, 127, 129, 215, 217 and other locations
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Hybrid System	Does not exist
Electric System	Does not exist
COMPACTOR	Does not exist
CONVEYING	Does not exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not exist
Pressure Booster System	Does not exist
Water Service	Inspected
Instance	Auditorium - Pipe Space by 115th Street (Domestic Main)
Instance Condition	4- Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:DEFECTIVE VALVE
Deficiency Location/Instance	Auditorium - Pipe Space by 115th Street (Domestic Main)
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Auditorium - Pipe Space by 115th Street (Domestic Main)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Auditorium - Pipe Space by 115th Street (Sprinkler Main)
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Basement - Water Service Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Basement - Water Service Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Domestic Water Heat Exchanger	Does not exist
Electric Domestic Water Heater	Does not exist
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Lochinvar
EquipmentId	Hot Water Heater
Capacity/Size Quantity	200
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2010
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not exist
Heat Pump Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	3- Fair

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Water Distribution Piping	
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Boiler Room by Domestic Hot Water Remote Storage Tank
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE VALVE
Deficiency Location/Instance	Boiler Room by Domestic Hot Water Remote Storage Tank
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
	Inspected
Interior Storm Piping	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	
	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Room B06 (1 of 2)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sump Pump	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
	Does not exist
FIXTURES	
	Inspected
Staff And Other	
	Inspected
Janitor Sink	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Toilet	
	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	
	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Student	
	Inspected
Drinking Fountain	
	Inspected

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Question	Response
FIXTURES	
Student	
Drinking Fountain	
Condition	1- Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Does not exist
Sink And Fountain Combo Unit	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Inspected
Instance	Basement - Gas Meter Room
Instance Condition	2- Between Good and Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Spencer
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	HP
Source of Capacity/Size	Documented
Installation Year	2010
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
CO/Gas Leak Detection	Inspected
Instance	Basement - Boiler Room, Gas Meter Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2010
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
HEATING	Inspected
Heating Coil In Ductwork	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
HEATING	
Hydronic Heating	Does not exist
Radiator/Convactor/Fin Tube	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Basement
Deficiency Quantity	12
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
MER Steam and Condensate Piping	Inspected
Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	MERs
Deficiency Quantity	30
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	MER 301
Deficiency Quantity	40
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Condensate Return Pumping System	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE PUMP
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Piping	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	MER 201; 2nd Floor Boy's Toilet Room
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded

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Question	Response
HEATING	
Steam Heating	
Terminal Unit Thermostatic Trap	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
HEATING PLANT	
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping?	Yes
Observed Operational?	No
Burner Manufacturer	JOHN ZINK COMPANY, LLC
Burner Model	FL14-G-50
Burner Type	Gas
Heating Plant Oil Number	N/A
Boiler Auxiliaries	
Instance on Basement	Inspected
Boiler Auxiliary Piping	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	DEFECTIVE BOILER AUTOMATIC FEEDWATER VALVE
Deficiency Location/Instance	Boiler Room @ Boiler #1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Boiler Emergency Stop Switch	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Flue Exhaust	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	DEFECTIVE HEADER VALVE
Deficiency Location/Instance	Boiler Room @ Boiler #1

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HEATING PLANT	
Boiler Auxiliaries	
Boiler Room Steam And Condensate Piping	
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Boiler Safety Valve	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler System	
Instance on Basement	Inspected
Coal-fired Boiler	
Instance on Basement	Does not exist
Hot Water Boiler	
Instance on Basement	Does not exist
Modular Boiler	
Instance on Basement	Does not exist
Steam Boiler	
Instance on Basement	Inspected
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	6,014
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Burnham
EquipmentId	50995-01
Capacity/Size Quantity	7746
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2010
Source of Installation Year	Custodial Staff
Deficiency	DEFECTIVE SAFETY AUXILIARY : LOW-WATER CUT-OFF, WATER COLUMN ASSEMBLY
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	6,014
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Burnham
EquipmentId	50995-02
Capacity/Size Quantity	7746
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2010
Source of Installation Year	Custodial Staff

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Deficiency	LEAKY/PLUGGED TUBES
Deficiency Quantity	4
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fuel System	
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Type	Automatic
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Basement	Does not exist
Gas Trains And Vent At The Boiler	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Enclosed IDF Room	
Instance on Gymnasium - Room 203	Inspected
Dedicated A/C Equipment	
Instance on Gymnasium - Room 203	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Gymnasium - Room 203
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
KITCHEN	
Instance on 1st Floor	Inspected
CO Detector	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Gas System	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded

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Question	Response
KITCHEN	
Hood	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Kitchen - Storage Room (belt)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Hood Fire Suppression System	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on 1st Floor	Does not exist
Kitchen Sink	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
MDF Room	
Instance on Room 304	Inspected
Dedicated A/C Equipment	
Instance on Room 304	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
	Does not exist
SCIENCE LAB	
	Does not exist
SCIENCE PREP ROOM	
	Does not exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
	Inspected
Dry Sprinkler Alarm Valve Assembly	
	Does not exist
Wet Sprinkler Alarm Valve Assembly	
Condition	Inspected
Deficiency	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Basement - Water Service Room; Auditorium - Pipe Space by 115th Street
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Fire Booster Pump Assembly	
	Does not exist
Roof Tank	
	Does not exist
Siamese Connection	
	Inspected

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Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Siamese Connection	
Condition	3- Fair
Deficiency	No deficiencies recorded
Sprinkler Head	
Condition	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Rooms B11, B14, B15 (painted, 5)
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Sprinkler Piping	
Condition	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Building Exterior on 115th Street near Main Entrance (Defective Siamese Connection Piping)
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Standpipe System	
	Does not exist
Water Gong	
	Does not exist
SWIMMING POOL	
	Does not exist
VENTILATION	
	Inspected
Is the building Mechanically ventilated?	Yes
Exhaust Fan	
	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	
	Does not exist
Metal Ductwork	
	Inspected
Condition	3- Fair
Are there any uninsulated ductwork by design in Mechanical rooms?	Yes
Are there chain operated dampers?	No
Deficiency	DEFECTIVE DUCTWORK
Deficiency Location/Instance	Roof (Exhaust Fans Covers)
Deficiency Quantity	40
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Supply Fan	
	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-5
Deficiency	No deficiencies recorded
Unit Ventilator	
	Does not exist