Building Condition Assessment Survey 2023-2024

Mechanical Inspection

Asset:		P.S. 191 - MANHATTAN, 210 WEST 61 STREET, MANHATTAN, NY, 10023		
Inspec	tion Id	Inspection Type	Time In	Last Edited
	46	MECHANICAL	2023-10-04 08:57AM	2023-11-15 05:54PM
Asset Da	ta			

Question	Answer		
Have any Systems/Major Building Components been upgraded?	Systems: Fixtures - Toilets		
	Years: 2022		
	Systems: Electric Domestic Water Heater for Kitchen (in		
	crawlspace)		
	Years: 2020		
	Systems: F&T/Steam Drip Traps, Terminal Unit Thermostatic		
	Traps		
	Years: 2018		
	Systems: MDF Room - Dedicated A/C Equipment (DX Split		
	System)		
	Years: 2015		
	Systems: DX Split System for Media Center 325		
	Years: 2014		
Are there fuel tanks?	Yes		
Total # of above ground tanks	1		
Total capacity of all above ground tanks in gal.	20,000		
Total # of below ground tanks	0		
Total capacity of all below ground tanks in gal.	0		
Total # of water main service entries to the asset	2		
MERs/Fan Rooms Locations	Boiler Room Mechanical Area, Penthouse MER		
Are there any spaces with Missing or Defective CO Detectors?	No		
Are there any Painted/Obstructed Sprinkler Heads?	Yes		
Location(s)	Rooms B13, B16 (painted, 8)		
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	Other	Defective (1)	Science Lab - Eye Wash	Room 316	Gerardo Rodriguez	Fireman	
Yes	Other	Defective Flue Exhaust	Gas Fired Domestic Water Heater	Boiler Room Mechanical Area	Gerardo Rodriguez	Fireman	
Yes	Defective Boiler	Defective Secondary	Steam Boiler	Boiler Room /	Gerardo	Fireman	No Photo Taken
	Safety Auxiliary	Low-Water Cut-off		Boiler #1	Rodriguez		
Inspection	1						
Question	l			Response			
Mechani	cal						
AIR CONDITIONING				Inspected			

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	

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unicui Inspeciion	14117
uestion	Response
AIR CONDITIONING	
DX Split System	
Indoor Unit	
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
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	DEFECTIVE
Deficiency Location/Instance	Media Center 325
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Return Fan	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not exist
Pneumatic System	Inspected
Instance	Throughout
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies 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	Basement - Water Service Room B15, Crawlspace below
	Auditorium Stage
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Basement - Water Service Room B15, Crawlspace below Auditorium Stage
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3

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stion	Response
DMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	WATER MAIN: DEFECTIVE VALVE
Deficiency Location/Instance	Basement - Water Service Room B15
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
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	Does not exist
Domestic Water Heat Exchanger	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE AUXILIARIES(RELIEF VALVE, GAUGE,
Denetency	TEMPERATURE REGULATOR, ETC)
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Electric Domestic Water Heater	Inspected
	-
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room Mechanical Area
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	RayPak
EquipmentId	44714-3
Capacity/Size Quantity	264
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	"Documented"
Installation Year	1985
Source of Installation Year	Inspector Estimate
Deficiency	DEFECTIVE FLUE EXHAUST
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations 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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uestion	Response
DOMESTIC WATER SYSTEM	
Domestic Water Distribution Piping	
Deficiency Location/Instance	Boiler Room Mechanical Area, Fuel Oil Tank Room
Deficiency Quantity	30
Quantity Uom	L.F.
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	SEWAGE/WASTE PIPING:CLOGGED
Deficiency Location/Instance	Boiler Room, Water Service Room B15
Deficiency Quantity	50
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sewage Ejector Pump	Does not exist
Sump Pump	Inspected
Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Boiler Room (1 of 2)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE CONTROLS
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
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not exist
	Inspected
FIXTURES Staff And Other	•
Staff And Other	Inspected
Janitor Sink	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
	Inspected

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anicai Inspection	MI9
uestion	Response
FIXTURES	
Staff And Other	
Urinal	
Condition	3- Fair
Deficiency	No deficiencies recorded
Student	Inspected
Drinking Fountain	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Inspected
Instance on 2nd Floor - Boys	Inspected
Instance Condition	3- Fair
Alternative Use	Yes
Deficiency	No deficiencies recorded
Instance on 3rd Floor - Girls	Inspected
Instance Condition	3- Fair
Alternative Use	Yes
Deficiency	No deficiencies recorded
Sink And Fountain Combo Unit	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
AS FIRED FURNACE	Does not exist
AS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Does not exist
Gas Meter Room Vent	Does not exist
Gas Pressure Booster	Does not exist Does not exist
CO/Gas Leak Detection	
	Inspected Inspected
Heating Coil In Ductwork Condition	2- Between Good and Fair
	No deficiencies recorded
Deficiency	Does not exist
Hydronic Heating	Inspected
Radiator/Convector/Fin Tube Condition	3- Fair
Deficiency	AUXILIARY (VALVE, VENT): DEFECTIVE
Deficiency Location/Instance	Penthouse MER
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded

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Inspected
Inspected
2- Between Good and Fair
No deficiencies recorded
Inspected
3- Fair
DAMAGED/MISSING INSULATION
Boiler Room Mechanical Area
10
L.F.
MAINTENANCE
PRIORITY 3
LEVEL 2
No violations recorded
Inspected
3- Fair
DAMAGED/MISSING INSULATION
Crawlspace
50
L.F.
MAINTENANCE
PRIORITY 3
LEVEL 2
No violations recorded
Inspected
2- Between Good and Fair
No deficiencies recorded
Inspected
3- Fair
DAMAGED/MISSING INSULATION
Crawlspace
50 L.F.
MAINTENANCE PRIORITY 3
LEVEL 2
No violations recorded
Inspected
2- Between Good and Fair
No deficiencies recorded
Does not exist
Inspected
3- Fair
No deficiencies recorded
Inspected
Inspected
No
Preferred Utilities
BHE6 3M4
Oil
4
Inspected

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Response
Inspected
3- Fair
DEFECTIVE BOILER AUTOMATIC FEEDWATER VALVE
Boiler Room @ Boiler #1
1
EACH
MAINTENANCE
PRIORITY 3 LEVEL 2
LEVEL 2 No violations recorded
DAMAGED/MISSING INSULATION
Boiler Room @ Boiler #1, #2
20 L.F.
l.f. MAINTENANCE
PRIORITY 3
LEVEL 2
No violations recorded
Inspected
3- Fair
No deficiencies recorded
Inspected
Inspected 3- Fair
FEEDWATER PUMP:DEFECTIVE Boiler Room
l
EACH
MAINTENANCE
PRIORITY 3
LEVEL 2
No violations recorded
Does not exist
Inspected
3- Fair
No deficiencies recorded
Does not exist
Inspected
3- Fair
DEFECTIVE/LEAKS
Boiler Room @ Boiler #2
10
L.F.
REPLACE
PRIORITY 3

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1	
lestion	Response
IEATING PLANT	
Boiler Auxiliaries	
Boiler Room Steam And Condensate Piping	
Deficiency	DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	Boiler Room @ Boiler #2
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	r
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	Does not exist
	T 4 1
Instance on Basement	Inspected
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	4,037
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Fitzgibbons Boiler Company
EquipmentId	44714-1
Capacity/Size Quantity	5360
Capacity/Size UOM	Lbs/Hr steam
Source of Capacity/Size	"Documented"
Installation Year	1956
Source of Installation Year	Documented
Deficiency	DEFECTIVE SAFETY AUXILIARY: LOW-WATER CUT-OFF, WATER COLUMN ASSEMBLY
Deficiency Quantity	1
Quantity Uom	I EACH
Potential Action	EACH MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Deficiency	
Deficiency Quantity	DAMAGED/MISSING INSULATION
	40 S.F.
Quantity Uom Potential Action	S.F.
	REPLACE
Urgency of Action	PRIORITY 3 LEVEL 2
Purpose of Action Violations	LEVEL 2 No violations recorded
Deficiency	RUSTED CASING
Deficiency Quantity	10
Quantity Uom	S.F.

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estion	Response
EATING PLANT	
Boiler System	
Steam Boiler	
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	4,037
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Fitzgibbons Boiler Company
EquipmentId	44714-2
Capacity/Size Quantity	5360
Capacity/Size UOM	Lbs/Hr steam
Source of Capacity/Size	"Documented"
Installation Year	1956
Source of Installation Year	Documented
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Quantity	20
Quantity Uom	S.F.
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	3- Fair
Туре	Automatic
Deficiency	DEFECTIVE ACTUATOR
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
Burner/Burner Control Panel	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	OIL BURNER:DEFECTIVE
Deficiency Location/Instance	Boiler Room (leaks oil)
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	BURNER CONTROL PANEL:DEFECTIVE
Deficiency Location/Instance	
Deficiency Location/Instance Deficiency Quantity	Boiler Room @ Boiler #1 1
	I EACH
Quantity Uom Potential Action	
Potential Action	MAINTENANCE

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inteur Inspection			
estion		Response	
IEATING PLANT			
Fuel System			
Burner/Burner Control	Panel		
Urgency of Action		PRIORITY 3	
Purpose of Action		LEVEL 2	
Violations		No violations recorded	
Fuel Oil Storage/Supply	System		
Instance on Basement		Inspected	
Instance Condition		3- Fair	
Deficiency		FUEL OIL TRANSFER PUMP:DEFECTIVE	
Deficiency Deficiency Location/Instance		Boiler Room	
Deficiency Location/Instance Deficiency Quantity		2	
Quantity Uom		EACH	
Quantity Uom Potential Action		MAINTENANCE	
		PRIORITY 3	
Urgency of Action		LEVEL 2	
Purpose of Action Violations		No violations recorded	
Gas Trains And Vent At The Boiler		No violatoris recorded	
Gas Trains And Vent At Instance on Basen		Does not exist	
		Inspected	
Enclosed IDF Room Instance on Rooms 120, 320, 326		Inspected	
		Inspected	
Dedicated A/C Equipmen		Inspected	
Instance on Rooms 120, 320, 326		4- Between Fair and Poor	
Instance Conditio	n		
Deficiency		DOES NOT EXIST	
Deficiency Loc Deficiency Qua		Rooms 120, 320, 326	
	intity	3	
Quantity Uom		EACH	
Potential Action		INSTALL	
Urgency of Action		PRIORITY 3 LEVEL 2	
Purpose of Action			
Violations		No violations recorded	
ITCHEN		Inspected	
Instance on Grour	nd Floor	Inspected	
CO Detector			
Instance on Ground Floor		Inspected	
Instance Condition		1- Good	
Deficiency		No deficiencies recorded	
Gas System			
Instance on Grour	nd Floor	Does not exist	
Grease Trap			
Instance on Grour	nd Floor	Does not exist	
Hood			
Instance on Grour	nd Floor	Inspected	
Instance Condition	n	3- Fair	
Deficiency		No deficiencies recorded	
Hood Exhaust Ductwork			
Instance on Grour	nd Floor	Inspected	
Instance Condition	n	3- Fair	
Deficiency		No deficiencies recorded	
Hood Exhaust Fan			
Instance on Grour	nd Floor	Inspected	
Instance Conditio		3- Fair	
Deficiency	11	No deficiencies recorded	

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uestion	Response	
KITCHEN	response	
HOOD Fire Suppression System		
Instance on Ground Floor	Does not exist	
Hot Water Temperature Booster		
Instance on Ground Floor	Does not exist	
Kitchen Sink		
Instance on Ground Floor	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
MDF Room	Inspected	
Instance on Room B12A	Inspected	
Dedicated A/C Equipment		
Instance on Room B12A	Inspected	
Instance Condition	4- Between Fair and Poor	
Deficiency	DEFECTIVE	
Deficiency Location/Instance	Room B12A	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Violations	No violations recorded	
SCIENCE DEMO ROOM	Does not exist	
SCIENCE LAB	Inspected	
Instance on Room 316	Inspected	
Alternative Use	No	
Acid Waste Neutralizing Tank		
Instance on Room 316	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
CO Detector		
Instance on Room 316	Not required	
Emergency Shower	1	
Instance on Room 316	Does not exist	
Eye Wash		
Instance on Room 316	Inspected	
Instance Condition	4- Between Fair and Poor	
Deficiency	DEFECTIVE	
Deficiency Deficiency Location/Instance	Room 316	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Violations	No violations recorded	
Hood Exhaust Ductwork		
Instance on Room 316	Does not exist	
Hood Exhaust Fan	DOP HOL CARL	
Instance on Room 316	Does not exist	
	DOP HOL CAIST	
Fixed Laboratory Hood Instance on Room 316	Door not aviat	
	Does not exist	
Laboratory Sink	Im	
Instance on Room 316	Inspected	
Instance Condition Deficiency	3- Fair No deficiencies recorded	

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unicui Inspeciion	1411,
uestion	Response
SCIENCE LAB	
Make-up Air Unit	
Instance on Room 316	Does not exist
SCIENCE PREP ROOM	Does not exist
	Inspected
SPRINKLERS, STANDPIPE, FIRE SYSTEM	-
Dry Sprinkler Alarm Valve Assembly	Does not exist Does not exist
Wet Sprinkler Alarm Valve Assembly	Does not exist
Fire Booster Pump Assembly	Does not exist
Roof Tank	Does not exist
Siamese Connection	Inspected
Sprinkler Head Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance Deficiency Quantity	Rooms B13, B16 (painted, 8)
• - •	8
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5 LEVEL 6
Purpose of Action	
Violations	No violations recorded
Sprinkler Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Standpipe System	Does not exist
Water Gong	Does not exist
SWIMMING POOL	Does not exist
VENTILATION	Inspected
Is the building Mechanically ventilated?	Partial
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?	Yes
Deficiency	DEFECTIVE VOLUME DAMPER
Deficiency Location/Instance	Penthouse MER @ Auditorium Blower, Gymnasium Blower
Deficiency Quantity	2
Quantity Uom	EACH
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