Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Mechanical Inspe						Q098
	P.S. 98 - QUEENS, 40-20 23	5 STREET, Ne	ew York, 1136	53		
Inspection Id	Inspection Type				Time In	Last Edited
ME : Q098	Mechanical				2024-03-12 7:09 AM	2024-03-22 11:03 A
sset Data						
Question				Answer		
Are there fuel tar				Yes		
Total # of above	0			1		
	all above ground tanks in gal.			6,000		
Total # of below	0			0		
	all below ground tanks in gal.			0		
	main service entries to the asset			1	1	
MERs/Fan Room	is Locations				densate Return Pumping System F m MER, MER above Cafeteria, A	
Are there any spa	aces with Missing or Defective CO	Detectors?		No		
	nergency Stop Switches with Miss			No		
-	inted/Obstructed Sprinkler Heads	-		Yes		
Location(s)	-			Rooms B1	0, B10A	
Have any System	ns/Major Building Components be	en upgraded?		Yes		
				Systems:	F&T/Steam Drip Traps, Termin	al Unit Thermostatic Tray
				Years:	2023	
				Systems:	CO/Gas Leak Detection	
				Years:	2022	
				Systems:	Climate Control System - Pneur Air Dryers	matic System: Refrigerate
				Years:	2021	
				Systems:	Fixtures - Student: Lavatory/Sir Urinals; MDF Room - Dedicate Split System)	
				Years:	2018	
				Systems:	Water Service; Kitchen - Grease Alarm Valve Assembly	e Trap; Wet Sprinkler
				Years:	2014	
riority Condition	I					
Priority Pr Condition Exist Ca Last Year?	2	Component Affected	Location Description	Person(s) Notified	Person(s) Title Status	PhotoImage
No condition record	ed					
nspection						
Question				Respons	e	
Mechanical						
AIR CONDITIO	ONING			Inspected	1	
Chilled Water	r System			Does not	Exist	
Condenser W	ater Distribution: Piping, Pump	s and Auxiliarie	s	Does not	Exist	
Cooling Coil i				Does not	Exist	
Cooling Towe				Does not		
DX Split Syste	7111				onstruction	
Dry Cooler				Does not		
Packaged / Ro	-			Does not	Exist	
Packaged Ter	minal A/C			Does not	Exist	
Refrigerant L	eak Detection System			Does not	Exist	
Refrigerant P	iping			Under C	onstruction	
Return Fan				Does not	Exist	
				_ 000 100		

Q098

uestion	Response
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	61-80%
Deficiency	DEFECTIVE TERMINAL UNIT CONTROL VALVE
Deficiency Location/Instance	Various locations
Deficiency Quantity	8
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Various locations
Deficiency Quantity	15
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
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 Boiler Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	RPZ: DEFECTIVE
Deficiency Location/Instance	Boiler Room/Domestic water branch (minor leak)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

Jestion	Response	
DOMESTIC WATER SYSTEM		
Domestic Cold Water System	Inspected	
Water Service	Inspected	
Violations	No violations recorded.	
Domestic Hot Water System	Inspected	
Domestic Hot Water Remote Storage Tank	Does not Exist	
Domestic Water Heat Exchanger	Does not Exist	
Electric Domestic Water Heater	Does not Exist	
Heat Pump 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	
Instance Manufacturer	PVI	
Equipment	Hot Water Heater	
Capacity/Size Quantity	399	
Capacity/Size UOM	MBH Input	
Capacity/Size2 Quantity	400	
Capacity/Size2 UOM	Gallons	
Source of Capacity/Size	Documented	
Installation Year	2001	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Oil Fired Domestic Water Heater	Does not Exist	
Domestic Water Distribution Piping	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies 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	Does not Exist	
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	3 - Fair	

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Mechanical Inspection **O098** Question Response FIXTURES Staff And Other Lavatory/Sink Deficiency Location/Instance Principal's Toilet Room, Women Toilet Room 161 Deficiency Quantity 2 Quantity Uom EACH MAINTENANCE Potential Action PRIORITY 3 Urgency of Action Purpose of Action LEVEL 2 Deficiency Photol No photo recorded Violations No violations recorded. Toilet Inspected Condition 3 - Fair Deficiency No deficiencies recorded Urinal Does not Exist Student Inspected **Drinking Fountain** Inspected Condition 3 - Fair Deficiency No deficiencies recorded Lavatory/Sink Inspected Condition 2 - Between Good and Fair Deficiency CRACKED/PHYSICAL DAMAGE Deficiency Location/Instance 1st Floor Boys Toilet Room Deficiency Quantity 1 Quantity Uom EACH REPLACE Potential Action PRIORITY 3 Urgency of Action Purpose of Action LEVEL 2 Deficiency Photo1 No photo recorded Violations No violations 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 CRACKED/PHYSICAL DAMAGE Deficiency Toilet Room next to Room B10 Deficiency Location/Instance Deficiency Quantity 1 Quantity Uom EACH Potential Action REPLACE Urgency of Action PRIORITY 3 Purpose of Action LEVEL 2 Deficiency Photo1 No photo recorded Violations No violations recorded. Urinal Inspected Condition 1 - Good No deficiencies recorded Deficiency Does not Exist

GAS FIRED FURNACE

uestion	Response
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Inspected
Instance	Boiler Room, Gas Meter Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	
	2022
Source of Installation	Documented
Deficiency	No deficiencies recorded
HEATING	Inspected
Heating Coil In Ductwork	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room MER/Auditorium Blower (leak)
Deficiency Quantity	4
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Hydronic Heating	Does not Exist
Radiator/Convector/Fin Tube	Inspected
Condition	3 - Fair
Deficiency	RADIATOR/CONVECTOR: DEFECTIVE
Deficiency Location/Instance	Storage Room next to the Cafeteria, Corridor adjacent to the Custodi Office, Room 205
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3 - Fair

stion	Response
EATING	
Steam Heating	
MER Steam and Condensate Piping	Inspected
Deficiency	No deficiencies recorded
Steam Condensate Return Piping	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Room 101/pipe connected to radiator, Room B3/Riser
Deficiency Quantity	30
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Boiler Room MER
Deficiency Quantity	40
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Steam Condensate Return Pumping System	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Piping	Inspected
Condition	3 - Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Attic
Deficiency Quantity	50
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Boiler Room adjacent to the Auditorium Blower
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE VALVE
,	
Deficiency Location/Instance	Boiler Room adjacent to the Auditorium Blower (leak), Room

estion	Response	
IEATING		
Steam Heating		
Steam Piping		
Deficiency Quantity	3	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Terminal Unit Thermostatic Trap	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Steam supplied by External Sources	Does not Exist	
Unit Heater/Cabinet Heater	Inspected	
Condition	3 - Fair	
Deficiency	DEFECTIVE	
Deficiency Location/Instance	Cafeteria, Exits 4, 5 (3 of 7)	
Deficiency Quantity	3	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
IEATING PLANT	Inspected	
Replacement Quantity	5,198	
Replacement Uom	MBH Net	
Instance on Basement	Inspected	
Burner Type	Dual Fuel (Gas/Oil)	
Heating Plant Oil Number Is there a water meter on the boiler make-up water piping?	2(B10) Yes	
Observed Operational?	Yes	
Burner Exists?	Yes	
Burner Manufacturer	Gordon-Piatt	
Burner Model Number	F10-G0-30	
Boiler Auxiliaries	Inspected	
Instance on Basement	Inspected	
Boiler Auxiliary Piping Instance on Basement	Inspected	
Condition	3 - Fair	<u>.</u>
Deficiency	No deficiencies recorded	
Boiler Emergency Stop Switch		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Feedwater System		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Soucierty	The deficiencies recorded	

estion	Response	
IEATING PLANT	*	
Boiler Auxiliaries		
Boiler Feedwater Treatment(Automatic)		
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Flue Exhaust		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Make-up Water Backflow Preventer		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Room Steam And Condensate Piping		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	DAMAGED/MISSING INSULATION	
Deficiency Location/Instance	Boiler Room/Boilers #1, #2	
Deficiency Quantity	40	
Quantity Uom	L.F.	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Boiler Safety Valve		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler System	Inspected	
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	2 000 HOLEANN	
Instance on Basement	Inspected	
Instance	Boiler Room	
Instance Condition	3 - Fair	
Instance Quantity	2,599	
Instance Quantity Uom	MBH Net	
Cast Iron Boiler?	No	
Instance Manufacturer	A. L. Eastmond & Sons Inc.	
Equipment	8916-01	
Capacity/Size Quantity	2,599	
Capacity/Size UOM	MBH Net	
Source of Capacity/Size	Documented	

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Mechanical Inspection

Documented
DEFECTIVE AUXILIARY (GAUGES, GASKETS ETC.)
1
EACH
MAINTENANCE
PRIORITY 3
LEVEL 2
No photo recorded
No violations recorded.
Boiler Room
3 - Fair
2,599
MBH Net
No
A. L. Eastmond & Sons Inc.
8916-02
2,599
MBH Net
Documented
2001
Documented
DEFECTIVE AUXILIARY (GAUGES, GASKETS ETC.)
1
EACH
MAINTENANCE
PRIORITY 3
LEVEL 2
No photo recorded
No violations recorded.
Inspected
Inspected
Yes
Automatic
Inspected
3 - Fair
DEFECTIVE ACTUATOR
Boiler Room/Boiler #1
1
EACH
MAINTENANCE
PRIORITY 3
LEVEL 2
No photo recorded No violations recorded.

Burner/Burner Control Panel

Instance on Basement

Inspected

uestion	Response	
HEATING PLANT		
Fuel System		
Burner/Burner Control Panel		
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Fuel Oil Storage/Supply System		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Gas Trains And Vent At The Boiler		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Enclosed IDF Room	Does not Exist	
KITCHEN	Inspected	
Instance on Sub-Basement	Inspected	
CO Detector	Not Required	
Instance on Sub-Basement	Not Required	
Gas System	Does not Exist	
Instance on Sub-Basement	Does not Exist	
Grease Trap	Inspected	
Instance on Sub-Basement	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood	Does not Exist	
Instance on Sub-Basement	Does not Exist	
Hood Exhaust Ductwork	Does not Exist	
Instance on Sub-Basement	Does not Exist	
Hood Exhaust Fan	Does not Exist	
Instance on Sub-Basement	Does not Exist	
Hood Fire Suppression System	Does not Exist	
Instance on Sub-Basement	Does not Exist	
Hot Water Temperature Booster	Does not Exist	
Instance on Sub-Basement	Does not Exist	
Kitchen Sink	Inspected	
Instance on Sub-Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
MDF Room	Inspected	
Instance on Room 251	Inspected	
Dedicated A/C Equipment	Inspected	
Instance on Room 251	Inspected	
Condition	2 - Between Good and 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	

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iestion	Response	
SPRINKLERS, STANDPIPE, FIRE SYSTEM		
Wet Sprinkler Alarm Valve Assembly	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Fire Booster Pump Assembly	Does not Exist	
Roof Tank	Does not Exist	
Siamese Connection	Does not Exist	
Sprinkler Head	Inspected	
Condition	3 - Fair	
Deficiency	DEFECTIVE/DETERIORATED	
Deficiency Location/Instance	Rooms B10, B10A	
Deficiency Quantity	6	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Deficiency Photo1	No photo recorded	
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?	Yes	
Exhaust Fan	Inspected	
Approximate Total # of Fans	1-25	
Condition	3 - Fair	
Deficiency	DEFECTIVE CONTROLS	
Deficiency Location/Instance	MER above Cafeteria/Gym Exhaust	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Heating And Ventilating Unit	Does not Exist	
Metal Ductwork	Inspected	
Are there any uninsulated ductwork by design in Mechanical		
Rooms? Are there chain operated dampers?	Yes Yes	
Condition	3 - Fair	
Deficiency	DAMAGED FLEXIBLE CONNECTION	
Deficiency Location/Instance	Attic Fan Room/Toilet Exhaust	
	The Tur Room Tonot Enhuust	

(P)

Deficiency Quantity

Quantity Uom

Potential Action

1

EACH

MAINTENANCE

PRIORITY 3

chanical Inspection		Q09
Question	Response	
VENTILATION		
Metal Ductwork	Inspected	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Supply Fan	Inspected	
Approximate Total # of Fans	1-5	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Unit Ventilator	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	