#### **Building Condition Assessment Survey 2023-2024**

**Mechanical Inspection** X083

	Asset:	P.S. 83 - BRONX, 950 RHINELANDER AVENUE, BRONX, NY, 10462					
	Inspection Id	Inspection Type	Time In	Last Edited			
	3729	MECHANICAL	2024-03-05 10:22AM	2024-06-17 04:41PM			
4s:	set Data						

Inspection Id Inspection Type		Time In	Last Edited
3729 MECHANICAL		2024-03-05 10:22AM	2024-06-17 04:41PM
set Data			
Question	Answer		
Have any Systems/Major Building Components been upgraded?	Systems:	Heat Pump Domestic Water Hea	ters
	Years:	2023	
	Systems:	Boilers #1, #2 - re-tubed; Boiler Backflow Preventer; Boiler Eme of 2)	
	Years:	2022	
	Systems:	Fixtures - Toilets, Urinals, Lavat Drinking Fountains (~50%); Sur	• //
	Years:	2019	
	Systems:	Steam Condensate Return Pump	ing System (1 of 2)
	Years:	2018	
	Systems:	F&T/Steam Drip Traps; Boiler S Control System - Temperature C (~50%), Temperature Control Zo	ontrol Thermostats
	Years:	2017	
	Systems:	Enclosed IDF Room - Dedicated Split System); MDF Room - Ded (DX Split System)	
	Years:	2016	
	Systems:	Boiler Feedwater System	
	Years:	2014	
Are there fuel tanks?	Yes		
Total # of above ground tanks	2		
Total capacity of all above ground tanks in gal.	15,000		
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		Mechanical Area; 5th Floor Bulkh Tank Room	ead Fan Room;
Are there any spaces with Missing or Defective CO Detectors?	No		
Are there any Painted/Obstructed Sprinkler Heads?	No		

#### **Priority Condition**

Are there any Emergency Stop Switches with Missing Hammers?

Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Photo Image
Yes	Other	Breaching access door is	Boiler Flue	Boiler Room	GORAN	Fireman	
		not properly secured.	Exhaust		MIJOVIC		



No components

spection		
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	

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Response
No deficiencies recorded
Inspected
2- Between Good and Fair
No deficiencies recorded
Does not exist
Inspected
2- Between Good and Fair
No deficiencies recorded
Does not exist
Does not exist
Inspected
Does not exist
Inspected
Throughout
3- Fair
1
EACH
81-100%
DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Kitchen, Gymnasium
2
EACH
MAINTENANCE
PRIORITY 3
LEVEL 2
No violations recorded
DEFECTIVE TERMINAL UNIT CONTROL VALVE
Corridors, Cafeteria, Multipurpose Room, Room 210 and other locations
15
EACH
MAINTENANCE
PRIORITY 3
LEVEL 2
No violations recorded
Does not exist
Does not exist
Does not exist
Inspected
Does not exist
Inspected
2- Between Good and Fair
Yes
No deficiencies recorded
Does not exist
Lines not exist
Does not exist Inspected

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stion	Response
ONVEYING	
Non-auditorium Handicap Lift - Stair	
Deficiency	No deficiencies recorded
Ash Hoist	Does not exist
iidewalk Elevator	Does not exist
OMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Inspected
Supply Pump	Does not exist
Roof Tank	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Penthouse Tank Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Pressure Booster System	Inspected
Electric Pressure Booster System	Does not exist
Hydraulic/Pneumatic Booster System	Inspected
Water Pressure Booster - Compressor	Does not exist
Pressure Booster Pump	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Domestic Cold Water Tank	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Water Service	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	2
	EACH
Instance Quantity Uom	
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION
	DEVICE D. I. D.
	Boiler Room
Deficiency Overtity	2
Deficiency Quantity	2 FACH
Deficiency Quantity Quantity Uom	EACH
Deficiency Quantity	

uestion	Response	
DOMESTIC WATER SYSTEM		
Domestic Cold Water System		
Water Service		
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	NOT IN USE	
Deficiency Location/Instance	Boiler Room	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	NO ACTION	
Urgency of Action	PRIORITY 1	
Purpose of Action	LEVEL 1	
Violations	No violations recorded	
Electric Domestic Water Heater	Does not exist	
Gas Fired Domestic Water Heater	Does not exist	
Oil Fired Domestic Water Heater	Does not exist	
Heat Pump Domestic Water Heater	Inspected	
Instance	Boiler Room	
Instance Condition	1- Good	
Instance Quantity	2	
Instance Quantity Uom	EACH	
Manufacturer	A.O. Smith	
EquipmentId	N/A	
Capacity/Size Quantity	6	
Capacity/Size UOM	KW Input	
Capacity/Size 2 Quantity	119	
Capacity/Size 2 UOM	Gallons	
Source of Capacity/Size	Documented	
Installation Year	2023	
Source of Installation Year	Custodial Staff	
Deficiency	No deficiencies recorded	
Instance	Kitchen	
Instance Condition	1- Good	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Manufacturer	A.O. Smith	
EquipmentId	N/A	
Capacity/Size Quantity	4	
Capacity/Size UOM	KW Input	
Capacity/Size 2 Quantity	50 Gallons	
Capacity/Size 2 UOM Source of Capacity/Size	Documented	
Installation Year	2023	
Source of Installation Year	Custodial Staff	
Deficiency	No deficiencies recorded	
Domestic Water Distribution Piping	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
-	Inspected	
DRAIN/WASTE/VENT AND STORM SYSTEM	<del>-</del>	
Interior Storm Piping Condition	Inspected  3- Fair	
-		
Deficiency Sewage/Waste/Vent Piping	No deficiencies recorded  Inspected	

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estion	Response	
RAIN/WASTE/VENT AND STORM SYSTEM		
Sewage/Waste/Vent Piping		
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Sewage Ejector Pump	Does not exist	
Sump Pump	Inspected	
Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
UAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not exist	-
XTURES	Inspected	
Staff And Other	Inspected	
Janitor Sink	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Lavatory/Sink	Inspected	
Condition	1- Good	
Deficiency	No deficiencies recorded	
Toilet	Inspected	
Condition	1- Good	
Deficiency	No deficiencies recorded	
Urinal	Inspected	
Condition	1- Good	
Deficiency	No deficiencies recorded	
St <u>udent</u>	Inspected	
Drinking Fountain	Inspected	
Condition	2- Between Good and Fair	
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF	
	VALVE,ETC.)	
Deficiency Location/Instance	Corridor near Room 209B	
Deficiency Quantity	1 FACH	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action Purpose of Action	PRIORITY 3	
•	LEVEL 2	
Violations	No violations recorded	
Lavatory/Sink	Inspected	
Condition	1- Good	
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	1- Good	
Deficiency	DEFECTIVE FLUSHOMETER VALVE	
Deficiency Location/Instance	Toilet Room 455	
Deficiency Quantity	2	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Violations	No violations recorded	
Urinal	Inspected	

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nestion	Response	
HEATING		
Steam Heating		
Steam Piping	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	
Terminal Unit Thermostatic Trap	Inspected	
Condition	3- Fair	
Deficiency	DEFECTIVE/DETERIORATED	
Deficiency Location/Instance	Exits, Stairs, Room 210 and other locations	
Deficiency Quantity	25	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Violations	No violations recorded	
Steam supplied by External Sources	Does not exist	
Unit Heater/Cabinet Heater	Does not exist	
HEATING PLANT	Inspected	
Instance on Basement	Inspected	
Is there a water meter on the boiler make-up water piping?	No	
Burner Manufacturer	Profire (Cleaver Brooks)	
Burner Model	N/A	
Burner Type	Oil	
Heating Plant Oil Number	4	
Boiler Auxiliaries		
Instance on Basement	Inspected	
Boiler Auxiliary Piping		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies 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	1- Good	
Deficiency	No deficiencies recorded	
Boiler Feedwater Treatment(Automatic)	ivo deficiencies recorded	
	Does not exist	
Instance on Basement	Does not exist	
Boiler Flue Exhaust	Y 1	
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	BOILER BREECHING: DEFECTIVE	
Deficiency Location/Instance	Boiler Room	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	REPAIR	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Violations	No violations recorded	
Boiler Make-up Water Backflow Preventer		
Instance on Basement	Inspected	
Instance Condition	1- Good	
Deficiency	No deficiencies recorded	

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Dognomas	
Response	
No deficiencies recorded	
Inspected	
2- Between Good and Fair	
No deficiencies recorded	
Inspected	
Does not exist	
Does not exist	
Does not exist	
2 cts net that	
Inspected	
-	
140 deficiencies recorded	
Increated	
nispected	
	2- Between Good and Fair No deficiencies recorded  Inspected  Does not exist

2- Between Good and Fair

No deficiencies recorded

Automatic

Instance Condition

**Burner/Burner Control Panel** 

Type

Deficiency

uestion	Response
	Response
HEATING PLANT	
Fuel System Burner/Burner Control Panel	
Instance on Basement	Inspected
Instance Condition	3- Fair
	OIL BURNER: DEFECTIVE
Deficiency	
Deficiency Location/Instance Deficiency Quantity	Boiler Room 2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
	ivo violations recorded
Fuel Oil Storage/Supply System Instance on Basement	Thomsostad
	Inspected
Instance Condition	3- Fair
Deficiency	FUEL OIL TRANSFER PUMP:DEFECTIVE
Deficiency Location/Instance	Basement Corridor near Fuel Oil Tank Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action Violations	LEVEL 2
	No violations recorded
Gas Trains And Vent At The Boiler	B
Instance on Basement	Does not exist
Enclosed IDF Room	Inspected
Instance on Room 558	Inspected
Dedicated A/C Equipment	
Instance on Room 558	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
KITCHEN	Inspected
Instance on 1st Floor	Inspected
CO Detector	
Instance on 1st Floor	Not required
Gas System	
Instance on 1st Floor	Does not exist
Grease Trap	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood	
Instance on 1st Floor	Inspected
Instance Condition	5- Poor
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
	PRIORITY 3
Urgency of Action	
Urgency of Action	I EVEL 2
Urgency of Action Purpose of Action Violations	LEVEL 2  No violations recorded

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Question	Response
KITCHEN	
Hood Exhaust Ductwork	
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on 1st Floor	Does not exist
Hot Water Temperature Booster	
Instance on 1st Floor	Does not exist
Kitchen Sink	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	Missing Air Gap
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
MDF Room	Inspected
Instance on Room 357	Inspected
Dedicated A/C Equipment	
Instance on Room 357	Inspected
Instance 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
Dry Sprinkler Alarm Valve Assembly	Does not exist
Wet Sprinkler Alarm Valve Assembly	Does not exist  Does not exist
Fire Booster Pump Assembly	Does not exist  Does not exist
Roof Tank Siamese Connection	Does not exist
Sprinkler Head	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
	Inspected
Sprinkler Piping Condition	3- Fair
Deficiency	No deficiencies recorded
	Does not exist
Standpipe System	Does not exist  Does not exist
Water Gong	
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	DEFECTIVE CONTROLS
Deficiency Location/Instance	Basement Mechanical Area / Auditorium Exhaust
Deficiency Quantity	1

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Question	Response
VENTILATION	
Exhaust Fan	
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Room 208 - Toilet Room
Deficiency Quantity	Room 208 - Tonet Room 1
Quantity Uom	EACH PER A GE
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE
Deficiency Location/Instance	Room 213 - Toilet Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
	Does not exist
Heating And Ventilating Unit	Inspected
Metal Ductwork	3- Fair
Condition	
Are there any uninsulated ductwork by design in Mechanical rooms?	Yes
Are there chain operated dampers?	Yes
Deficiency	DAMAGED FLEXIBLE CONNECTION
Deficiency Location/Instance	Basement Mechanical Area / House Exhaust West
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE REGISTER/DIFFUSER
Deficiency Location/Instance	Gymnasium
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	DEFECTIVE
Deficiency Location/Instance	Basement Mechanical Area / Auditorium Supply (belt)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE CONTROLS
Deficiency Location/Instance	Basement Mechanical Area / Auditorium Supply

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uestion	Response	
VENTILATION		
Supply Fan		
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Violations	No violations recorded	
Unit Ventilator	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	