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

Mechanical Inspection R008

	Asset:	P.S. 8 - STATEN ISLAND, 112 LINDENWOOD ROAD, STATEN ISLAND, NY, 10308			
	Inspection Id	Inspection Type	Time In	Last Edited	
	3255	MECHANICAL	2024-02-15 11:02AM	2024-03-28 01:29PM	
1 ~	and Date				

inspection is inspection type	Time III Last Edited
3255 MECHANICAL	2024-02-15 11:02AM 2024-03-28 01:2
set Data	
Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Boiler Safety Valves (2 of 4); Boiler #2 re-tubed; F&T/Steam Drip Traps; Terminal Unit Thermostatic Traps; Drinking Fountains (4 of 7)
	Years: 2022
	Systems: Climate Control System: Refrigerated Air Dryers
	Years: 2020
	Systems: Electric Domestic Water Heater for Kitchen (1 of 2)
	Years: 2019
	Systems: DX Split System for Telephone Room
	Years: 2018
	Systems: Gas Fired Domestic Water Heater
	Years: 2016
	Systems: Water Service; Electric Pressure Booster System; Kitchen - Grease Trap
	Years: 2015
	Systems: Climate Control System: Temperature Control Thermostats (~70%); Science Lab; Electric Domestic Water Heater in Janitor Closet B9 (1 of 2)
	Years: 2014
Are there fuel tanks?	Yes
Total # of above ground tanks	1
Total capacity of all above ground tanks in gal.	4,000
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	Fan Room B20, MER 103
Are there any spaces with Missing or Defective CO Detectors?	No
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Rooms B8, 205 (painted, 7)
Are there any Emergency Stop Switches with Missing Hammers?	No components

Priority Condition

Exist	Priority	Condition	Component	Location	Person(s)	Person(s)	Photo
Last Year?	Category	Description	Affected	Description	Notified	Title	Image
No	Defective Boiler Safety Auxiliary	Missing Water Column's Sight Glass	Steam Boiler	Boiler Room / Boiler #2	John Delfino	Fireman	

Inspection	
Question	Response

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	1- Good
Deficiency	No deficiencies recorded

Mechanical Inspection	R008

iunieui Inspection		
Question	Response	
AIR CONDITIONING		
DX Split System		
Outdoor Unit	Inspected	
Condition	1- Good	
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	1- Good	
Deficiency	No deficiencies 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	
	Does not exist	
CONVEYING		
DOMESTIC WATER SYSTEM	Inspected	
Domestic Cold Water System	Inspected	
Gravity System	Inspected  Does not exist	
Supply Pump		
Roof Tank	Inaccessible	
Pressure Booster System	Inspected	
Electric Pressure Booster System	Inspected	
Instance	Booster Pump Room inside Room B2	
Instance Condition	2- Between Good and Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Manufacturer	Liquitrol	
EquipmentId	N/A	
Capacity/Size Quantity	2	
Capacity/Size UOM	Total # Pumps	
Capacity/Size 2 Quantity	10 T. (1D. ) HD.	
Capacity/Size 2 UOM Source of Capacity/Size	Total Pumps HP Documented	
Installation Year	2015	
Source of Installation Year	Custodial Staff	
Deficiency	No deficiencies recorded	
Hydraulic/Pneumatic Booster System	Does not exist	
	Inspected	
Water Service		
Instance	Room B2, Water Meter Room B13	
Instance Condition	1- Good	
Instance Quantity	2	

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Deficiency	No deficiencies 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	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
	A.O. Smith
Manufacturer EquipmentId	N/A
Equipmenta Capacity/Size Quantity	390
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	100
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2016
Source of Installation Year	Custodial Staff
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
Deficiency	DEFECTIVE VALVE
Deficiency Location/Instance	Fan Room B20
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/LEAKS
Deficiency Location/Instance Deficiency Quantity	Fan Room B20
Quantity Uom	10 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 3- Fair
Condition	No deficiencies recorded
Deficiency	
Sewage/Waste/Vent Piping	Inspected 3- Fair
Condition	
Deficiency	SEWAGE/WASTE PIPING:DEFECTIVE/LEAKS
Deficiency Location/Instance Deficiency Quantity	Stair "E" - Crawlspace 10
Quantity Uom	L.F.
Quality Coll	L.F.

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

Mechanical Inspection R008

uestion	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
Sewage/Waste/Vent Piping	
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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
TIXTURES	Inspected
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	3- Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Student	Inspected
Drinking Fountain	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF
Beneficie	VALVE,ETC.)
Deficiency Location/Instance	Corridor near Gymnasium Boy's 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
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	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Gymnasium Boy's Toilet Room; Toilet Room 214
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3

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

uestion	Response
FIXTURES	
Student	
Urinal	
Purpose of Action	LEVEL 2
Violations	No violations recorded
GAS FIRED FURNACE	Does not exist
	Inspected
GAS SERVICE	Inspected
Gas Distribution Piping  Condition	3- Fair
	No deficiencies recorded
Deficiency	
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	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2002
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
HEATING	Inspected
Heating Coil In Ductwork	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Hydronic Heating	Does not exist
Radiator/Convector/Fin Tube	Inspected
Condition	3- Fair
Deficiency	RADIATOR/CONVECTOR:DEFECTIVE
Deficiency Location/Instance	Room B22
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	AUXILIARY (VALVE, VENT): DEFECTIVE
Deficiency Location/Instance	Correct near Room 122
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Senteteney	110 deliterates recorded

Inspected

No deficiencies recorded

3- Fair

**MER Steam and Condensate Piping** 

Condition

Deficiency

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

Mechanical Inspection R008

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estion	Response
EATING	
Steam Heating	
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Corridors near Rooms B24, 221
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Condensate Return Pumping System	Inspected
Condition Condition	3- Fair
Deficiency	DEFECTIVE TANK
Deficiency Location/Instance	Stair "D" - Crawlspace
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE PUMP
Deficiency Location/Instance	Stair "E" - Crawlspace; Stair "D" - Crawlspace
Deficiency Quantity	3
	EACH
Quantity Uom  Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	
-	No violations recorded
Deficiency	DEFECTIVE CONTROLS
Deficiency Location/Instance Deficiency Quantity	Boiler Room 1
Quantity Uom	EACH
Potential Action	REPAIR
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	Basement Boy's Toilet Room - Pipe Chase
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
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	No deficiencies recorded
EATING PLANT	Inspected

Mechanical Inspection	R008
Question	Response

Question	Response	
	Response	
HEATING PLANT	Y 1	
Instance on Basement	Inspected	
Is there a water meter on the boiler make-up water piping?  Observed Operational?	Yes Yes	
Burner Manufacturer	Gordon-Piatt	
Burner Model	FL12-G0-30	
Burner Type	Dual Fuel (Gas/Oil)	
Heating Plant Oil Number	2(B10)	
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	3- Fair	
Deficiency	No deficiencies recorded	
Boiler Feedwater System		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Boiler Feedwater Treatment(Automatic)	110 001101011010 10001000	
Instance on Basement	Inspected	
Instance Condition	4- Between Fair and Poor	
Deficiency	DEFECTIVE	
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	
Boiler Flue Exhaust		
Instance on Basement	Inspected	
Instance Condition	3- 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	3- Fair	
Deficiency	No deficiencies recorded	
Boiler Safety Valve		
Instance on Basement	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Boiler System		
Instance on Basement	Inspected	
Coal-fired Boiler	<del>-</del>	
Instance on Basement	Does not exist	
Hot Water Boiler		
Instance on Basement	Does not exist	

uestion	Response
HEATING PLANT	
Boiler System	
Modular Boiler	
Instance on Basement	Does not exist
Steam Boiler	
Instance on Basement	Inspected
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	3,441
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	A. L. Eastmond & Sons Inc.
EquipmentId	7679-01
Capacity/Size Quantity	3441
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2002
Source of Installation Year	Custodial Staff
Deficiency	LEAKY/PLUGGED TUBES
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Quantity	30
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	3,441
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	A. L. Eastmond & Sons Inc.
EquipmentId	7679-02
Capacity/Size Quantity	3441 MDU Not
Capacity/Size UOM Source of Capacity/Size	MBH Net Documented
Installation Year	2002
Source of Installation Year	Custodial Staff
Deficiency	DEFECTIVE SAFETY AUXILIARY: LOW-WATER CUT-OFF
Benefaley	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
Fuel System	

Question	Response	
HEATING PLANT		
Fuel System		
Boiler Fresh Air Louver/Damper		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Туре	Automatic	
Deficiency	No deficiencies recorded	
Burner/Burner Control Panel		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Fuel Oil Storage/Supply System		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Gas Trains And Vent At The Boiler		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
Enclosed IDF Room	Inspected	
Instance on 1st Building Addition - Room 217	Inspected	
Dedicated A/C Equipment Instance on 1st Building Addition - Room 217	Inspected	
	4- Between Fair and Poor	
Instance Condition	DOES NOT EXIST	
Deficiency Deficiency Location/Instance	1st Building Addition - Room 217	
Deficiency Quantity	1st Building Addition - Room 217	
Quantity Uom	EACH	
Potential Action	INSTALL	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Violations	No violations recorded	
KITCHEN	Inspected	
Instance on Basement	Inspected	
CO Detector	шороски	
Instance on Basement	Not required	
Gas System	1	
Instance on Basement	Does not exist	
Grease Trap		
Instance on Basement	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood		
Instance on Basement	Does not exist	
Hood Exhaust Ductwork		
Instance on Basement	Does not exist	
Hood Exhaust Fan		
Instance on Basement	Does not exist	
Hood Fire Suppression System		
Instance on Basement	Does not exist	
Hot Water Temperature Booster		
Instance on Basement	Does not exist	
Kitchen Sink		
Instance on Basement	Inspected	
Instance Condition	3- Fair	

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

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elucation Transport	Response	
KITCHEN		
Kitchen Sink	X 10: 11	
Deficiency	No deficiencies recorded	
MDF Room	Inspected	
Instance on Original Building - Room B5	Inspected	
Dedicated A/C Equipment		
Instance on Original Building - Room B5	Inspected	
Instance Condition	3- Fair	
Deficiency	No deficiencies recorded	
SCIENCE DEMO ROOM	Does not exist	
SCIENCE LAB	Inspected	
Instance on Room 101	Inspected	
Alternative Use	No	
Acid Waste Neutralizing Tank		
Instance on Room 101	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
CO Detector		
Instance on Room 101	Not required	
Emergency Shower		
Instance on Room 101	Does not exist	
Eye Wash		
Instance on Room 101	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Ductwork		
Instance on Room 101	Does not exist	
Hood Exhaust Fan		
Instance on Room 101	Does not exist	
Fixed Laboratory Hood		
Instance on Room 101	Does not exist	
Laboratory Sink		
Instance on Room 101	Inspected	
Instance Condition	2- Between Good and Fair	
Deficiency	No deficiencies recorded	
Make-up Air Unit		
Instance on Room 101	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	
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 B8, 205 (painted, 7)	
Deficiency Quantity	7	

EACH

REPLACE PRIORITY 5

LEVEL 6

No violations recorded

Quantity Uom

Violations

Potential Action

Urgency of Action Purpose of Action

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

Mechanical Inspection R008

uestion	Response	
SPRINKLERS, STANDPIPE, FIRE SYSTEM		
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	Inspected	
Condition	3- Fair	
Deficiency	DEFECTIVE	
Deficiency Location/Instance	Cafeteria (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	
Metal Ductwork	Inspected	
Condition	3- Fair	
Are there any uninsulated ductwork by design in Mechanical rooms?	Yes	
Are there chain operated dampers?	Yes	
Deficiency	No deficiencies recorded	
Supply Fan	Inspected	
Condition	4- Between Fair and Poor	
Approximate Total # of Fans	1-5	
Deficiency	DEFECTIVE/DETERIORATED	
Deficiency Location/Instance	Boiler Room / House Blower (1 of 3)	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Violations	No violations recorded	
Unit Ventilator	Inspected	
Condition	3- Fair	
Deficiency	No deficiencies recorded	