

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

Mechanical Inspection

M875

Asset:	P.S. 226 (FIRST PRESB CHURCH) - MANHATTAN, 12 WEST 12 STREET, MANHATTAN, NY, 10011		
Inspection Id	Inspection Type	Time In	Last Edited
1984	MECHANICAL	2023-12-28 12:08PM	2024-02-16 01:47PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: DX Split Systems; Heating And Ventilating Unit; Hydronic Heating - Hot Water Heat Exchanger Years: 2020 Systems: Gas Fired Domestic Water Heater Years: 2017
Are there fuel tanks?	No
Total # of water main service entries to the asset	2
MERs/Fan Rooms Locations	None
Are there any spaces with Missing or Defective CO Detectors?	No
Are there any Painted/Obstructed Sprinkler Heads?	No
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
No condition recorded							

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	1- Good
Deficiency	No deficiencies recorded
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	Does not exist
COMPACTOR	Does not exist
CONVEYING	Inspected
Dumbwaiter	Does not exist
Elevator	Inspected
Condition	2- Between Good and Fair
Are all the existing elevators operable?	Yes
Deficiency	No deficiencies recorded
Escalator	Does not exist
Non-auditorium Handicap Lift - Vertical	Does not exist

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Question	Response
CONVEYING	
Non-auditorium Handicap Lift - Stair	Does not exist
Ash Hoist	Does not exist
Sidewalk Elevator	Does not exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not exist
Pressure Booster System	Inspected
Electric Pressure Booster System	Inspected
Instance	Basement - Pump Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Flo-Pak
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	10
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2012
Source of Installation Year	Documented
Deficiency	RUSTY/LEAKY VALVES AND PIPE FITTINGS
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Hydraulic/Pneumatic Booster System	Does not exist
Water Service	Inspected
Instance	Basement - Water Meter Room
Instance Condition	2- Between Good and Fair
Instance Quantity	2
Instance Quantity Uom	EACH
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	Does not exist
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	A.O. Smith
EquipmentId	N/A
Capacity/Size Quantity	75
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	74
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2017
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not exist

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Heat Pump Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	
Condition	3- Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	
Condition	3- Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	
Condition	3- Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	
Sump Pump	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
FIXTURES	
Staff And Other	
Janitor Sink	
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Toilet	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Student	
Drinking Fountain	
Condition	3- Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	5th Floor Corridor (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
Lavatory/Sink	
Condition	3- Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	5th Floor Girl'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

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Question	Response
FIXTURES	
Student	
Locker Room Shower	Does not exist
Sink And Fountain Combo Unit	Does not exist
Toilet	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE FLUSHOMETER VALVE
Deficiency Location/Instance	5th Floor 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
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Does not exist
Gas Meter Room Vent	Does not exist
Gas Pressure Booster	Inspected
Instance	Basement
Instance Condition	2- Between Good and Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Eclipse
EquipmentId	N/A
Capacity/Size Quantity	11600
Capacity/Size UOM	SCFH
Source of Capacity/Size	Documented
Installation Year	2012
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
CO/Gas Leak Detection	Does not exist
HEATING	Inspected
Heating Coil In Ductwork	Does not exist
Hydronic Heating	Inspected
Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Backflow Preventer	Does not exist
Hot Water Heat Exchanger	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Radiator/Convactor/Fin Tube	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Heating	Does not exist
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	Does not exist
HEATING PLANT	Inspected

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Question	Response
HEATING PLANT	
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	Riello
Burner Model	RS100/M HW
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	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	Does not exist
Boiler Feedwater Treatment(Automatic)	
Instance on Basement	Does not exist
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	Does not exist
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	Inspected
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	2,454
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Buderus
EquipmentId	164313-01
Capacity/Size Quantity	2454
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2012
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded

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Question	Response
HEATING PLANT	
Boiler System	
Hot Water Boiler	
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	2,454
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Buderus
EquipmentId	164313-02
Capacity/Size Quantity	2454
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2012
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
Modular Boiler	
Instance on Basement	Does not exist
Steam Boiler	
Instance on Basement	Does not exist
Fuel System	
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Type	Mechanical
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	
	Does not exist
KITCHEN	
	Does not exist
MDF Room	
	Does not exist
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
Fire Booster Pump Assembly	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	DEFECTIVE FIRE BOOSTER PUMP
Deficiency Location/Instance	Basement
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3

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Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Fire Booster Pump Assembly	
Purpose of Action	LEVEL 2
Violations	No violations recorded
Roof Tank	Does not exist
Siamese Connection	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Standpipe System	Inspected
Hose Valve Assembly	Inspected
Condition	2- Between Good and Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Stair "A"
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Piping	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	1- Good
Deficiency	No deficiencies recorded
Metal Ductwork	Inspected
Condition	3- Fair
Are there any uninsulated ductwork by design in Mechanical rooms?	No
Are there chain operated dampers?	No
Deficiency	No deficiencies recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist