

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

Mechanical Inspection

X070



Asset: P.S. 70 - BRONX, 1691 WEEKS AVENUE, BRONX, NY, 10457

Inspection Id	Inspection Type	Time In	Last Edited
3279	MECHANICAL	2024-02-15 07:22AM	2024-03-26 12:15PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Terminal Unit Thermostatic Traps Years: 2018 Systems: Swimming Pool - Pump Years: 2017 Systems: Student Fixtures - Toilets, Urinals; Staff Fixtures - Toilet Years: 2016
Are there fuel tanks?	Yes
Total # of above ground tanks	2
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	3
MERs/Fan Rooms Locations	Basement - East and West MERs, Pool MER, Penthouse Gravity Roof Tank Room, North and South Bulkheads Fan Rooms
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?	Component: Boiler Room Entrance (1 of 2) Location: Boiler Emergency Stop Switch

Priority Condition

Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Photo Image
Yes	Defective Boiler Safety Auxiliary	Boilers #1, #2: Defective Pump Control/Low Water Cut-off Combination; Boiler #3: Defective Secondary Low Water Cut-off	Steam Boiler	Boiler Room / Boiler #1, #2, #3	Edwin Sencion	Cleaner	
Yes	Defective Boiler Safety Auxiliary	(1)	Boiler Safety Valve	Boiler Room @ Boiler #2	Edwin Sencion	Cleaner	

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	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

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

Mechanical Inspection

X070

Question	Response
AIR CONDITIONING	
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	No deficiencies recorded
Return Fan	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
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	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Room 305
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
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	Inspected
Supply Pump	Does not exist
Roof Tank	Inaccessible
Pressure Booster System	Does not exist
Water Service	Inspected
Instance	Basement below Exit 6/7, Boiler Room, Girls Locker Room
Instance Condition	3- Fair
Instance Quantity	3
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Basement below Exit 6/7, Boiler Room, Girls Locker Room
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	INSTALL
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	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded

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

Mechanical Inspection

X070

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Domestic Water Heat Exchanger	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Basement near Pool MER
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	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Rheem / Ruud
EquipmentId	N/A
Capacity/Size Quantity	512
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2010
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	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	SEWAGE/WASTE PIPING:DEFECTIVE/LEAKS
Deficiency Location/Instance	Near Stair "BC/1"
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sewage Ejector Pump	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sump Pump	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not exist
FIXTURES	Inspected

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

Mechanical Inspection

X070

Question	Response
FIXTURES	
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	2- Between Good and 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	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Inspected
Instance on Basement - Boys	Inspected
Instance Condition	3- Fair
Alternative Use	No
Deficiency	No deficiencies recorded
Instance on Basement - Girls	Inspected
Instance Condition	3- Fair
Alternative Use	No
Deficiency	No deficiencies recorded
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	5th Floor Boy's Toilet Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
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	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	2- Between Good and Fair

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

Mechanical Inspection

X070

Question	Response
GAS SERVICE	
Gas Meter Room Exhaust Fan	
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	1998
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/Convactor/Fin Tube	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Room 419
Deficiency Quantity	10
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Steam Piping	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Girls Shower Room
Deficiency Quantity	10
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	2- Between Good and Fair

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

Mechanical Inspection

X070

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HEATING	
Steam Heating	
Terminal Unit Thermostatic Trap	
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	Does not exist
HEATING PLANT	
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping? Observed Operational?	Yes No
Burner Manufacturer	Gordon Piatt
Burner Model	F12.4-GO-50
Burner Type	Oil
Heating Plant Oil Number	2
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	MISSING HAMMER
Deficiency Location/Instance	Boiler Room Entrance (1 of 2)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Boiler Feedwater System	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies 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	3- Fair

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

Mechanical Inspection

X070

Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Safety Valve	
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room @ Boiler #2
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Boiler System	
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	
Instance on Basement	Inspected
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	4,548
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	A. L. Eastmond & Sons Inc.
EquipmentId	6084-01
Capacity/Size Quantity	4548
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1998
Source of Installation Year	Documented
Deficiency	DEFECTIVE SAFETY AUXILIARY: LOW-WATER CUT-OFF, 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
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	4,548
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	A. L. Eastmond & Sons Inc.
EquipmentId	6084-02
Capacity/Size Quantity	4548
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1998
Source of Installation Year	Documented
Deficiency	DEFECTIVE SAFETY AUXILIARY: LOW-WATER CUT-OFF, WATER COLUMN ASSEMBLY

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

Mechanical Inspection

X070

Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	4,548
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	A. L. Eastmond & Sons Inc.
EquipmentId	6084-03
Capacity/Size Quantity	4548
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1998
Source of Installation Year	Documented
Deficiency	DEFECTIVE SAFETY AUXILIARY: LOW-WATER CUT-OFF, 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	
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Basement	Inspected
Instance Condition	3- Fair
Type	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	Does not exist
Enclosed IDF Room	
	Does not exist
KITCHEN	
Instance on 1st Floor	Inspected
CO Detector	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Gas System	
Instance on 1st Floor	Inspected

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

Mechanical Inspection

X070

Question	Response
KITCHEN	
Gas System	
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on 1st Floor	Inspected
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	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on 1st Floor	Does not exist
Kitchen Sink	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
MDF Room	
Instance on Room 152	Inspected
Dedicated A/C Equipment	
Instance on Room 152	Inspected
Instance Condition	3- 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	
	Does not exist
SWIMMING POOL	
Instance on Basement	Inspected
Filter	
Replacement Quantity	1
Replacement Uom	EACH
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Heater	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Piping	

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Building Condition Assessment Survey 2023-2024**

Mechanical Inspection

X070

Question	Response
SWIMMING POOL	
Piping	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Basement - Pool MER
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Pump	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
VENTILATION	
Is the building Mechanically ventilated?	Inspected Partial
Exhaust Fan	
Condition	Inspected 3- Fair
Approximate Total # of Fans	1-25
Deficiency	DEFECTIVE
Deficiency Location/Instance	Bulkhead South Fan Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Heating And Ventilating Unit	
Condition	Inspected 2- Between Good and Fair
Deficiency	No deficiencies recorded
Metal Ductwork	
Condition	Inspected 3- Fair
Are there any uninsulated ductwork by design in Mechanical rooms?	Yes
Are there chain operated dampers?	No
Deficiency	No deficiencies recorded
Supply Fan	
Condition	Inspected 3- Fair
Approximate Total # of Fans	1-5
Deficiency	No deficiencies recorded
Unit Ventilator	
Condition	Inspected 3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Basement - Cafeteria; 1st Floor Multipurpose Rooms
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded