

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

Mechanical Inspection

X032

Asset: P.S. 32 - BRONX, 690 EAST 183 STREET, BRONX, NY, 10458

Inspection Id	Inspection Type	Time In	Last Edited
3836	MECHANICAL	2024-03-08 07:09AM	2024-04-24 12:17PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Drinking Fountains (~75%); Enclosed IDF Room - Dedicated A/C Equipment (Window A/C) Years: 2023 Systems: MDF Room - Dedicated A/C Equipment (DX Split System) Years: 2018 Systems: DX Split System for Swimming Pool Area (1 of 2) Years: 2015 Systems: Domestic Hot Water System; Supply Fans; Heating Coils In Ductwork (6 of 7); MER Steam and Condensate Piping; Heating And Ventilating Unit (1 of 2) for Cafeteria Years: 2014 Systems: Heating Plant; Climate Control System (except pneumatic tubing); Gas Service; Steam Condensate Return Pumping System (1 of 2) in Boiler Room; Sump Pumps (2 of 4) in Boiler Room; Sprinkler System; Swimming Pool - Heater (Gas Fired Heater, 1 of 2); Unit Heater/Cabinet Heaters Years: 2013
Are there fuel tanks?	No
Total # of water main service entries to the asset	4
MERs/Fan Rooms Locations	Basement - Boiler Room Mechanical Area, Pool Mechanical Area, South MER below Auditorium; 1st Floor - Swimming Pool HVAC Room
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

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Question	Response
AIR CONDITIONING	
Refrigerant Piping	
Condition	1- Good
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Swimming Pool HVAC Room Roof
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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 except Swimming Pool Area and Locker Rooms
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	41-60%
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Throughout building addition
Deficiency Quantity	27
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	Does not exist
Pressure Booster System	Inspected
Electric Pressure Booster System	Inspected
Instance	Boiler Room Mechanical Area
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Canariis
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	15
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2011
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not exist
Water Service	Inspected

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Instance	Basement - Sprinkler/Water Meter Room C05, North Area by 183rd Street, South MER below Auditorium
Instance Condition	2- Between Good and Fair
Instance Quantity	4
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Domestic Hot Water System	
Inspected	
Domestic Hot Water Remote Storage Tank	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Domestic Water Heat Exchanger	
Does not exist	
Electric Domestic Water Heater	
Inspected	
Condition	2- Between Good and Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Gas Fired Domestic Water Heater	
Inspected	
Instance	Boiler Room Mechanical Area
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Laars
EquipmentId	N/A
Capacity/Size Quantity	818
Capacity/Size UOM	MBH Output
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2014
Source of Installation Year	Documented
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	INTERIOR FLOOR DRAIN:DEFECTIVE
Deficiency Location/Instance	Swimming Pool Area
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE

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Question	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	2- Between Good and Fair
Deficiency	DEFECTIVE CONTROLS
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
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
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Urinal	Does not exist
Student	Inspected
Drinking Fountain	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Inspected
Instance on 1st Floor - Boys	Inspected
Instance Condition	3- Fair
Alternative Use	No
Deficiency	No deficiencies recorded
Instance on 1st Floor - Girls	Inspected
Instance Condition	3- Fair
Alternative Use	No
Deficiency	CLOGGED/LEAKING
Deficiency Location/Instance	1st Floor - Girls Shower Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sink And Fountain Combo Unit	Does not exist
Toilet	Inspected

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Question	Response
FIXTURES	
Student	
Toilet	
Condition	3- Fair
Deficiency	No deficiencies recorded
Urinal	
Condition	3- Fair
Deficiency	No deficiencies 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	
Inspected	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Pressure Booster	
Inspected	
Instance	Basement - Gas Meter Room C04
Instance Condition	2- Between Good and Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Etter
EquipmentId	N/A
Capacity/Size Quantity	1
Capacity/Size UOM	HP
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
CO/Gas Leak Detection	
Inspected	
Instance	Basement - Gas M eter Room C04, Boiler Room, Boiler Room M echanical Area (Gas Leak Detection)
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2013
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Boiler Room, Boiler Room Mechanical Area (CO Leak Detection)
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2013
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
HEATING	
Inspected	
Heating Coil In Ductwork	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Hydronic Heating	
Does not exist	
Radiator/Convactor/Fin Tube	
Inspected	

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HEATING	
Radiator/Convactor/Fin Tube	
Condition	3- Fair
Deficiency	RADIATOR/CONVECTOR:DEFECTIVE
Deficiency Location/Instance	Room 202
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	Exit "8"
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	3- Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Corridor near 1st Floor - Swimming Pool HVAC Room
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	MAINTENANCE
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	DEFECTIVE PUMP
Deficiency Location/Instance	Boiler Room, South MER below Auditorium
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	Inspected
Condition	2- Between Good and Fair

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HEATING	
Unit Heater/Cabinet Heater	
Deficiency	No deficiencies recorded
HEATING PLANT	
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping? Observed Operational?	Yes No
Burner Manufacturer	Webster
Burner Model	HDSG-250A-5V-50-RM7840L-F-M.30H-UL/IRI
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	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	
Instance on Basement	Inspected
Instance Condition	2- Between Good and 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	
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	

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Instance on Basement	Inspected
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	6,498
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Burnham
EquipmentId	1175-01
Capacity/Size Quantity	8369
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	6,498
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Burnham
EquipmentId	1175-02
Capacity/Size Quantity	8369
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
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	
Instance on Building Addition - Room 353	Inspected
Dedicated A/C Equipment	
Instance on Building Addition - Room 353	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
KITCHEN	
	Inspected

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Question	Response
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
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and 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	2- Between Good and Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Original Building - Room 213	Inspected
Dedicated A/C Equipment	
Instance on Original Building - Room 213	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Original Building - Room 213
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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

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Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Wet Sprinkler Alarm Valve Assembly	Inspected
Condition	2- Between Good and Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Basement - Sprinkler/Water Meter Room C05
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Fire Booster Pump Assembly	Does not exist
Roof Tank	Does not exist
Siamese Connection	Inspected
Condition	1- Good
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	Does not exist
Water Gong	Does not exist
SWIMMING POOL	Inspected
Instance on Building Addition - 1st Floor	Inspected
Filter	
Replacement Quantity	11
Replacement Uom	EACH
Instance on Building Addition - 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Heater	
Instance on Building Addition - 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Piping	
Instance on Building Addition - 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Mechanical Pool Area
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 Building Addition - 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
VENTILATION	Inspected
Is the building Mechanically ventilated?	Partial
Exhaust Fan	Inspected
Condition	3- Fair

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Question	Response
VENTILATION	
Exhaust Fan	
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	
Condition	Inspected
Deficiency	2- Between Good and Fair
Metal Ductwork	
Condition	Inspected
Are there any uninsulated ductwork by design in Mechanical rooms?	2- Between Good and Fair
Are there chain operated dampers?	Yes
Deficiency	No
Supply Fan	
Condition	Inspected
Approximate Total # of Fans	2- Between Good and Fair
Deficiency	1-5
Unit Ventilator	
	Does not exist