Building Condition Assessment Survey 2023-2024

Mechanical Inspection X001

Asset: P.S. 1 - BRONX, 335 EAST 152 STREET, BRONX, NY, 10451			
Inspection Id	Inspection Type	Time In	Last Edited
3870	MECHANICAL	2024-03-11 09:43AM	2024-04-26 01:36PM

Ass

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Boiler #2 re-tubed
	Years: 2023
	Systems: Kitchen - Hood Exhaust Fan
	Years: 2021
	Systems: Steam Condensate Return Pumping System; F&T/Steam Drip Traps (~50%); Climate Control System: Air Compressor, Refrigerated Air Dryers, Pneumatic PRV Station, Temperature Control Thermostats (~60%), Temperature Control Zone Valves, Terminal Unit Controllers, Damper Actuators
	Years: 2019
	Systems: DX Split System for Telephone Room B13B (1 of 2)
	Years: 2015
	Systems: Kitchen - Grease Traps
	Years: 2014
	Systems: Boiler Fresh Air Louver/Dampers
	Years: 2013
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	3
MERs/Fan Rooms Locations	Basement MER
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Boiler Room
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Gymnasium - Storage Room B13A (painted, 4)

Priority Condition

Are there any Emergency Stop Switches with Missing Hammers?

Exist	Priority	Condition	Component	Location	Person(s)	Person(s)	Photo
Last Year?	Category	Description	Affected	Description	Notified	Title	Image
Yes	Defective Kitchen Gas System	By-pass Valve of Master Gas Control Valve is in open position.	Gas System	Boiler Room	Hector Palau	Fireman	

No components

Inspection

Question	Response	
Aechanical		
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	

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Question	Response
AIR CONDITIONING	
DX Split System	
Outdoor Unit	
Condition	3- Fair
Deficiency	UP TO 5 TONS:DEFECTIVE
Deficiency Location/Instance	Roof / Kitchen (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
Dry Cooler	Does not exist
Packaged / Rooftop Unit	Does not exist
Packaged Terminal A/C	Does not exist Does not exist
Refrigerant Leak Detection System	Inspected
Refrigerant Piping Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Return Fan	Does not exist
	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not exist
Pneumatic System	Inspected
Instance	Throughout 2- Between Good and Fair
Instance Condition	
Instance Quantity	EACH
Instance Quantity Uom	
Building Area Covered by Operational System	81-100%
Deficiency	DEFECTIVE TERMINAL UNIT CONTROL VALVE
Deficiency Location/Instance Deficiency Quantity	Various Locations
Quantity Uom	20 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
	Inspected
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Does not exist
Gravity System	Does not exist
Pressure Booster System Water Service	Inspected
Instance	Sprinkler/Water/Gas Meter Room B2, Room B10 3- Fair
Instance Condition Instance Quantity	
	EACH
Instance Quantity Uom	
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance Deficiency Quantity	Sprinkler/Water/Gas Meter Room B2, Room B10
Quantity Uom	EACH

estion	Response
OMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	WATER MAIN:DEFECTIVE VALVE
Deficiency Location/Instance	Sprinkler/Water/Gas Meter Room B2, Room B10
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
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	Does not exist
Domestic Water Heat Exchanger	Inspected
Condition	3- Fair
Deficiency	No deficiencies 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	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
RAIN/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	Boiler 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
Deficiency	INTERIOR FLOOR DRAIN:DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
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
UAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not exist
TOTAL TEMPERATURE STSTEM (CHILDED AND HOT WATER)	=

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estion	Response
IXTURES	
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
	No deficiencies recorded
Deficiency	Inspected
Student Distribute Franctic	Inspected
Drinking Fountain	
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF
	VALVE,ETC.)
Deficiency Location/Instance	Toilet Rooms 220, 316, 320
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Locker Room Shower	Inspected
Instance on Inside Room B13 - Girls	Inaccessible
Instance on Inside Room B14 - Boys	Inaccessible
Sink And Fountain Combo Unit	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Cafeteria
Deficiency Quantity	
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
· ·	LEVEL 2
Purpose of Action Violations	No violations recorded
Toilet	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3- Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Toilet Rooms 246, 316
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE
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Urgency of Action	PRIORITY 3

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uestion	Response
FIXTURES	
Student	
Urinal	
Violations	No violations recorded
Deficiency	DEFECTIVE FLUSHOMETER VALVE
Deficiency Location/Instance	Toilet Rooms 126, 316
Deficiency Quantity	3
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	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Does not exist
Gas Meter Room Vent	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not exist
CO/Gas Leak Detection	Does not exist
HEATING	Inspected
Heating Coil In Ductwork	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Basement MER @ Gymnasium Blower
Deficiency Quantity	1
Quantity Uom	EACH PERMACE
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action Violations	LEVEL 2 No violations recorded
Hydronic Heating	Does not exist Inspected
Radiator/Convector/Fin Tube Condition	Inspected 3- Fair
Deficiency	No deficiencies recorded
	Inspected
Steam Heating F&T/Steam Drip Trap	Inspected
Condition	2- Between Good and Fair
	No deficiencies recorded
Deficiency	
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	Boiler Room, Basement MER - Crawlspace; Room B2 - Storage
Deficiency Operation	Rooms
Deficiency Quantity	170
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

estion	Response	
HEATING		
Steam Heating		
Steam Condensate Return Piping		
Violations	No violations recorded	
Steam Condensate Return Pumping System	Inspected	
Condition Condition	1- Good	
Deficiency	No deficiencies recorded	
	Inspected	
Steam Piping	1	
Condition	3- Fair	
Deficiency	DEFECTIVE/LEAKS	
Deficiency Location/Instance	Basement MER - Crawlspace	
Deficiency Quantity	100	
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	3- Fair	
Deficiency	No deficiencies 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	Preferred Utilities	
Burner Model	BHE6V3A.4	
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	3- Fair	
Deficiency	No deficiencies recorded	
	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	3- Fair	
Deficiency	No deficiencies recorded	
Boiler Make-up Water Backflow Preventer		
Instance on Basement	Does not exist	
Boiler Room Steam And Condensate Piping		
Instance on Basement	Inspected	
Instance Condition	3- Fair	
mounice Condition		
Deficiency	DEFECTIVE/LEAVE	
Deficiency Deficiency Location/Instance	DEFECTIVE/LEAKS Boiler Room	

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	Response
EATING PLANT	
Boiler Auxiliaries Boiler Room Steam And Condensate Piping	
	L.F.
Quantity Uom Potential Action	replace
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Boiler Safety Valve	NO VIOIATIONS (CCOTACA
Instance on Basement	Inspected
Instance Condition	3- Fair
	No deficiencies recorded
Deficiency	No deficiencies recorded
Boiler System	Turnistad
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	4,053
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Burnham
EquipmentId	49163-1
Capacity/Size Quantity	45
Capacity/Size UOM	Burner GPH
Source of Capacity/Size	Documented
Installation Year	1961
Source of Installation Year	Documented
Deficiency	DEFECTIVE AUXILIARY (GAUGES, GASKETS ETC.)
Deficiency Quantity	1
Quantity Uom Potential Action	EACH MAINTENANCE
Potential Action Urgency of Action	MAINTENANCE PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency Deficiency Quantity	DAMAGED REFRACTORY 50
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	4,053
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No

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uestion	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
EquipmentId	49163-2
Capacity/Size Quantity	45
Capacity/Size UOM	Burner GPH
Source of Capacity/Size	Documented
Installation Year Source of Installation Year	1961
	Documented DEFECTIVE ALIVILLARY (CALICES, CASKETS ETC.)
Deficiency Deficiency Quantity	DEFECTIVE AUXILIARY (GAUGES, GASKETS ETC.) 1
	EACH
Quantity Uom Potential Action	MAINTENANCE
	PRIORITY 3
Urgency of Action Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency Deficiency Quantity	DAMAGED REFRACTORY
	10
Quantity Uom	S.F.
Potential Action	MAINTENANCE PRIORITY 3
Urgency of Action	LEVEL 2
Purpose of Action Violations	
	No violations recorded
Fuel System	Toward
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	Y 1
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Type	Automatic
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	OIL BURNER:DEFECTIVE
Deficiency Location/Instance	Boiler Room @ Boiler #2
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fuel Oil Storage/Supply System	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	FUEL OIL TRANSFER PUMP: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
	No violations recorded
Violations	
Violations Gas Trains And Vent At The Boiler	
	Does not exist
Gas Trains And Vent At The Boiler	Does not exist Inspected

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uestion	Response
Enclosed IDF Room	
Dedicated A/C Equipment	
Instance on Room 222	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Room 222
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
KITCHEN	Inspected
Instance on 1st Floor	Inspected
CO Detector	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Gas System	
Instance on 1st Floor	Inspected
Instance Condition	5- Poor
Deficiency	DEFECTIVE MASTER GAS CONTROL VALVE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Grease Trap	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood	1.0 4010101010
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	110 deficieles recorded
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
	No deficiencies recorded
Deficiency	No deficiencies recorded
Hood Exhaust Fan	Y 1
Instance on 1st Floor	Inspected
Instance Condition	1- Good
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 Deficiency Quantity	Kitchen 2

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Question	Response
KITCHEN	
Kitchen Sink	
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 250	Inspected
Dedicated A/C Equipment	nispected
Instance on Room 250	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	Inspected
Dry Sprinkler Alarm Valve Assembly	Does not exist
Wet Sprinkler Alarm Valve Assembly	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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	Gymnasium - Storage Room B13A (painted, 4)
Deficiency Quantity	4
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
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?	Yes
Exhaust Fan	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-25
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Basement MER / Gymnasium Exhaust; Lower Roof - EF-4K
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected

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uestion	Response	
VENTILATION		
Metal Ductwork		
Condition	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	Inspected	
Condition	3- Fair	
Approximate Total # of Fans	1-5	
Deficiency	No deficiencies recorded	
Unit Ventilator	Does not exist	