

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

Mechanical Inspection

X501

Asset: 3K CENTER @ 3893 DYRE AVENUE - BRONX, 3893 DYRE AVEUNE, BRONX, NY, 10466

Inspection Id	Inspection Type	Time In	Last Edited
3920	MECHANICAL	2024-03-12 07:39AM	2024-04-25 10:16AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Gas Meter Room Vent; Hot Water Heat Exchanger Years: 2023
Are there fuel tanks?	Yes
Total # of above ground tanks	0
Total capacity of all above ground tanks in gal.	0
Total # of below ground tanks	1
Total capacity of all below ground tanks in gal.	5,000
Total # of water main service entries to the asset	1
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	Inspected
BMS	Under construction
Pneumatic System	Does not exist
Hybrid System	Does not exist
Electric System	Inspected
Instance	Throughout (Heat Timer System)
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%

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Question	Response
CLIMATE CONTROL SYSTEM	
Electric System	
Deficiency	No deficiencies recorded
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	Does not exist
Water Service	Inspected
Instance	Room B09A
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Room B09A
Deficiency Quantity	1
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	Does not exist
Domestic Water Heat Exchanger	Does not exist
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	Inspected
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Bradford White Cooperation
EquipmentId	N/A
Capacity/Size Quantity	5
Capacity/Size UOM	KW Input
Capacity/Size 2 Quantity	65
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2022
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Domestic Water Distribution Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Does not exist
Sewage/Waste/Vent Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Does not exist
Sump Pump	Inspected
Condition	1- Good

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Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
Sump Pump	
Deficiency	No deficiencies 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	1- Good
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Urinal	Does not exist
Student	Inspected
Drinking Fountain	Inspected
Condition	3- Fair
Deficiency	No deficiencies 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	Does not exist
Toilet	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3- Fair
Deficiency	No deficiencies 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	1- Good
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not exist
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	1- Good
Deficiency	No deficiencies recorded
Backflow Preventer	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Hot Water Heat Exchanger	Inspected
Condition	1- Good

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Question	Response
HEATING	
Hydronic Heating	
Hot Water Heat Exchanger	
Deficiency	No deficiencies recorded
Radiator/Convactor/Fin Tube	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	
Condition	1- Good
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	
Steam Condensate Return Piping	
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	
Condition	1- Good
Deficiency	No deficiencies recorded
Steam Piping	
Condition	1- Good
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	
Condition	1- Good
Deficiency	No deficiencies recorded
Steam supplied by External Sources	
Unit Heater/Cabinet Heater	
Condition	1- Good
Deficiency	No deficiencies recorded
HEATING PLANT	
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping?	Yes
Observed Operational?	No
Burner Manufacturer	Industrial Combustion
Burner Model	MMG-42P
Burner Type	Oil
Heating Plant Oil Number	2
Boiler Auxiliaries	
Instance on Basement	Inspected
Boiler Auxiliary Piping	
Instance on Basement	Inspected
Instance Condition	1- Good
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	1- Good
Deficiency	No deficiencies recorded

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HEATING PLANT	
Boiler Auxiliaries	
Boiler Make-up Water Backflow Preventer	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Basement	Inspected
Instance Condition	1- Good
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	
Instance on Basement	Inspected
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	3,012
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Best Boilers, Inc.
EquipmentId	N/A
Capacity/Size Quantity	4000
Capacity/Size UOM	Lbs/Hr steam
Source of Capacity/Size	Documented
Installation Year	2019
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fuel System	
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Basement	Inspected
Instance Condition	3- Fair
Type	Fixed Louver
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	

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HEATING PLANT	
Fuel System	
Gas Trains And Vent At The Boiler	
Instance on Basement	Does not exist
Enclosed IDF Room	Does not exist
KITCHEN	Inspected
Instance on 1s Floor	Inspected
CO Detector	
Instance on 1s Floor	Not required
Gas System	
Instance on 1s Floor	Does not exist
Grease Trap	
Instance on 1s Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood	
Instance on 1s Floor	Does not exist
Hood Exhaust Ductwork	
Instance on 1s Floor	Does not exist
Hood Exhaust Fan	
Instance on 1s Floor	Does not exist
Hood Fire Suppression System	
Instance on 1s Floor	Does not exist
Hot Water Temperature Booster	
Instance on 1s Floor	Does not exist
Kitchen Sink	
Instance on 1s Floor	Inspected
Instance Condition	1- Good
Deficiency	Missing Air Gap
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
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 B22B	Inspected
Dedicated A/C Equipment	
Instance on Room B22B	Inspected
Instance Condition	1- Good
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	Does not exist
VENTILATION	Inspected
Is the building Mechanically ventilated?	Partial
Exhaust Fan	Inspected
Condition	1- Good
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Inspected

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VENTILATION	
Heating And Ventilating Unit	
Condition	1- Good
Deficiency	No deficiencies recorded
Metal Ductwork	
Condition	Inspected
Are there any uninsulated ductwork by design in Mechanical rooms?	1- Good
Are there chain operated dampers?	No
Deficiency	No
Deficiency	No deficiencies recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist