

**NYC Department of Education
Building Condition Assessment Survey 2020-2021**

Mechanical Inspection

X493

School: 3K CENTER @ 1224 PROSPECT AVENUE - BRONX, 1224 PROSPECT AVENUE, BRONX, NY, 10459

InspectionId	Inspection Type	Time In	Last Edited
3383	MECHANICAL	2021-03-08 08:01AM	2021-05-28 03:51PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	No System Upgraded
Are there fuel tanks?	No
Total # of water main service entries to the asset	0
MERs/Fan Rooms Locations	MER 121
Are there any spaces with Missing or Defective CO Detectors?	Boiler Room
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	Inspected
Absorption Chiller	Does not exist
Air Cooled Chiller	Does not exist
Air Cooled Condenser	Does not exist
Backflow Preventer	Does not exist
Central Station Air Handler	Does not exist
Chilled Water Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Fan Coil Unit	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Packaged Air Cooled Chiller	Inspected
Instance	1st Floor Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Carrier
EquipmentId	ACCH-1
Capacity/Size Quantity	30
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2020
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Water Cooled Chiller	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
Dry Cooler	Does not exist
DX Split System	Does not exist
Packaged / Rooftop Unit	Inspected
Instance	1st Floor Roof
Instance Condition	1- Good

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Carrier
EquipmentId	DOAS-1
Capacity/Size Quantity	15
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2020
Source of Installation Year	Documented
Source of Heating	Hydronic
Deficiency	No deficiencies recorded
Packaged Terminal A/C	Does not exist
Refrigerant Piping	Does not exist
Return Fan	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Inspected
Instance	Throughout
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Installation Year	2020
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Electric System	Does not exist
Hybrid System	Does not exist
Pneumatic System	Does not exist
COMPACTOR	Does not exist
CONVEYING	Does not exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Does not exist
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	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Does not exist
Oil Fired Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Does not exist
Sewage/Waste/Vent Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Sump Pump	Does not exist

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DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not exist
Enclosed IDF Room	Does not exist
FIXTURES	Inspected
Staff And Other	Inspected
Janitor Sink	Inspected
Condition	1- Good
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	1- Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Locker Room Shower	Does not exist
Sink And Fountain Combo Unit	Does not exist
Toilet	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Urinal	Does not exist
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
CO/Gas Leak Detection	Does not exist
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	Does not exist
HEATING	Inspected
Heating Coil In Ductwork	Does not exist
Hydronic Heating	Inspected
Backflow Preventer	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Hot Water Heat Exchanger	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Radiator/Convactor/Fin Tube	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Steam Heating	Does not exist
Steam supplied by External Sources	Does not exist

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Question	Response
HEATING	
Unit Heater/Cabinet Heater	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
HEATING PLANT	
Replacement Quantity	738
Replacement Uom	MBH NET
Instance on Basement	Inspected
Burner Type	Gas
Heating Plant Oil Number	N/A
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	1- Good
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	Does not exist
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	Does not exist
Boiler Safety Valve	
Instance on Basement	Does not exist
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	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	738
Instance Quantity Uom	MBH NET
Manufacturer	Laars
EquipmentId	N/A
Capacity/Size Quantity	849
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation Year	Documented
Deficiency	No deficiencies recorded

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Question	Response
HEATING PLANT	
Boiler System	
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	1- Good
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Does not exist
Fuel Oil Storage/Supply System	
Instance on Basement	Does not exist
Gas Trains And Vent At The Boiler	
Instance on Basement	Does not exist
KITCHEN	
Instance on Room 103	Inspected
CO Detector	
Instance on Room 103	Not required
Gas System	
Instance on Room 103	Does not exist
Grease Trap	
Instance on Room 103	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood	
Instance on Room 103	Does not exist
Hood Exhaust Ductwork	
Instance on Room 103	Does not exist
Hood Exhaust Fan	
Instance on Room 103	Does not exist
Hood Fire Suppression System	
Instance on Room 103	Does not exist
Hot Water Temperature Booster	
Instance on Room 103	Does not exist
Kitchen Sink	
Instance on Room 103	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
MDF Room	
Instance on Room 123	Inspected
Dedicated A/C Equipment	
Instance on Room 123	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	
	Inspected
Dry Sprinkler Alarm Valve Assembly	
	Does not exist
Fire Booster Pump Assembly	
	Does not exist
Roof Tank	
	Does not exist

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Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Siamese Connection	Does not exist
Sprinkler Head	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Standpipe System	Does not exist
Water Gong	Does not exist
Wet Sprinkler Alarm Valve Assembly	Does not exist
SWIMMING POOL	Does not exist
VENTILATION	Inspected
Exhaust Fan	Inspected
Condition	1- Good
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist