

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

**Mechanical Inspection**

**M233**

**Asset:** ALTERNATIVE LEARNING CENTER - MANHATTAN, 601 WEST 183 STREET, MANHATTAN, NY, 10033

Inspection Id	Inspection Type	Time In	Last Edited
858	MECHANICAL	2023-11-08 07:23AM	2023-12-15 07:32AM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Water Service: Backflow Preventers Years: 2023 Systems: Electric Domestic Water Heater (1 of 2) Years: 2022 Systems: MDF Room - Dedicated A/C Equipment (DX Split System) Years: 2021 Systems: Sump Pump in Boiler Room (1 of 2); Unit Heater/Cabinet Heater for Boiler Room (1 of 2); Wet Sprinkler Alarm Valve Assembly; Water Gong Years: 2017 Systems: DX Split Systems for Cafeteria; Unit Heater/Cabinet Heater for Gymnasium (1 of 2) Years: 2016 Systems: Boiler Fresh Air Louver/Damper Years: 2015
Are there fuel tanks?	No
Total # of water main service entries to the asset	2
MERs/Fan Rooms Locations	None
Are there any spaces with Missing or Defective CO Detectors?	No
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Kitchen, Cafeteria (painted, 10)
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
<b>Mechanical</b>	
<b>AIR CONDITIONING</b>	Inspected
<b>Chilled Water System</b>	Does not exist
<b>Condenser Water Distribution: Piping, Pumps and Auxiliaries</b>	Does not exist
<b>Cooling Coil in Ductwork</b>	Does not exist
<b>Cooling Tower</b>	Does not exist
<b>DX Split System</b>	Inspected
<b>Indoor Unit</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Outdoor Unit</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Dry Cooler</b>	Does not exist
<b>Packaged / Rooftop Unit</b>	Does not exist
<b>Packaged Terminal A/C</b>	Does not exist
<b>Refrigerant Leak Detection System</b>	Does not exist
<b>Refrigerant Piping</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Return Fan</b>	Does not exist

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<b>Question</b>	<b>Response</b>
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	Does not exist
<b>CLIMATE CONTROL SYSTEM</b>	Does not exist
<b>COMPACTOR</b>	Does not exist
<b>CONVEYING</b>	Inspected
<b>Dumbwaiter</b>	Does not exist
<b>Elevator</b>	Inspected
Condition	2- Between Good and Fair
Are all the existing elevators operable?	Yes
Deficiency	No deficiencies recorded
<b>Escalator</b>	Does not exist
<b>Non-auditorium Handicap Lift - Vertical</b>	Does not exist
<b>Non-auditorium Handicap Lift - Stair</b>	Does not exist
<b>Ash Hoist</b>	Does not exist
<b>Sidewalk Elevator</b>	Does not exist
<b>DOMESTIC WATER SYSTEM</b>	Inspected
<b>Domestic Cold Water System</b>	Inspected
<b>Gravity System</b>	Does not exist
<b>Pressure Booster System</b>	Does not exist
<b>Water Service</b>	Inspected
Instance	Basement - Sprinkler/Water Service Room B04 (inside Gas Meter Room)
Instance Condition	2- Between Good and Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
<b>Domestic Hot Water System</b>	Inspected
<b>Domestic Hot Water Remote Storage Tank</b>	Does not exist
<b>Domestic Water Heat Exchanger</b>	Does not exist
<b>Electric Domestic Water Heater</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Gas Fired Domestic Water Heater</b>	Does not exist
<b>Oil Fired Domestic Water Heater</b>	Does not exist
<b>Heat Pump Domestic Water Heater</b>	Does not exist
<b>Domestic Water Distribution Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	Inspected
<b>Interior Storm Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Sewage/Waste/Vent Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Sewage Ejector Pump</b>	Does not exist
<b>Sump Pump</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)</b>	Does not exist
<b>FIXTURES</b>	Inspected
<b>Staff And Other</b>	Inspected
<b>Janitor Sink</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
<b>FIXTURES</b>	
<b>Staff And Other</b>	
<b>Lavatory/Sink</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Urinal</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Student</b>	Inspected
<b>Drinking Fountain</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lavatory/Sink</b>	Inspected
Condition	3- Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	3rd Floor Girl'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
<b>Locker Room Shower</b>	Does not exist
<b>Sink And Fountain Combo Unit</b>	Does not exist
<b>Toilet</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Urinal</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GAS FIRED FURNACE</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GAS SERVICE</b>	Inspected
<b>Gas Distribution Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Gas Meter Room Exhaust Fan</b>	Under construction
<b>Gas Meter Room Vent</b>	Under construction
<b>Gas Pressure Booster</b>	Under construction
<b>CO/Gas Leak Detection</b>	Under construction
<b>HEATING</b>	Inspected
<b>Heating Coil In Ductwork</b>	Does not exist
<b>Hydronic Heating</b>	Does not exist
<b>Radiator/Convactor/Fin Tube</b>	Inspected
Condition	3- Fair
Deficiency	RADIATOR/CONVECTOR:DAMAGED GUARD/SHIELD
Deficiency Location/Instance	3rd Floor Girl's Toilet Room, Rooms 202, 301
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE

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Question	Response
<b>HEATING</b>	
<b>Radiator/Convactor/Fin Tube</b>	
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Steam Heating</b>	Inspected
<b>F&amp;T/Steam Drip Trap</b>	Does not exist
<b>MER Steam and Condensate Piping</b>	Does not exist
<b>Steam Condensate Return Piping</b>	Does not exist
<b>Steam Condensate Return Pumping System</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Steam Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Terminal Unit Thermostatic Trap</b>	Does not exist
<b>Steam supplied by External Sources</b>	Does not exist
<b>Unit Heater/Cabinet Heater</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>HEATING PLANT</b>	Inspected
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	Webster
Burner Model	JB1G-05-LMV37-S-M. 15VGD-UL/IRI
Burner Type	Gas
Heating Plant Oil Number	N/A
<b>Boiler Auxiliaries</b>	
Instance on Basement	Inspected
<b>Boiler Auxiliary Piping</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Emergency Stop Switch</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Feedwater System</b>	
Instance on Basement	Does not exist
<b>Boiler Feedwater Treatment(Automatic)</b>	
Instance on Basement	Does not exist
<b>Boiler Flue Exhaust</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Make-up Water Backflow Preventer</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Room Steam And Condensate Piping</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Safety Valve</b>	

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Question	Response
<b>HEATING PLANT</b>	
<b>Boiler Auxiliaries</b>	
<b>Boiler Safety Valve</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler System</b>	
Instance on Basement	Inspected
<b>Coal-fired Boiler</b>	
Instance on Basement	Does not exist
<b>Hot Water Boiler</b>	
Instance on Basement	Does not exist
<b>Modular Boiler</b>	
Instance on Basement	Does not exist
<b>Steam Boiler</b>	
Instance on Basement	Inspected
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1,098
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	Yes
Manufacturer	H. B. Smith Co., Inc.
EquipmentId	55921-01
Capacity/Size Quantity	1098
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	2006
Source of Installation Year	Inspector Estimate
Deficiency	No deficiencies recorded
<b>Fuel System</b>	
Instance on Basement	Inspected
<b>Boiler Fresh Air Louver/Damper</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Type	Mechanical
Deficiency	No deficiencies recorded
<b>Burner/Burner Control Panel</b>	
Instance on Basement	Under construction
<b>Fuel Oil Storage/Supply System</b>	
Instance on Basement	Does not exist
<b>Gas Trains And Vent At The Boiler</b>	
Instance on Basement	Under construction
<b>Enclosed IDF Room</b>	
Instance on Room B1	Inspected
<b>Dedicated A/C Equipment</b>	
Instance on Room B1	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Room B1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

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<b>Question</b>	<b>Response</b>
<b>Enclosed IDF Room</b>	
<b>Dedicated A/C Equipment</b>	
Violations	No violations recorded
<b>KITCHEN</b>	Inspected
Instance on Basement	Inspected
<b>CO Detector</b>	
Instance on Basement	Not required
<b>Gas System</b>	
Instance on Basement	Does not exist
<b>Grease Trap</b>	
Instance on Basement	Does not exist
<b>Hood</b>	
Instance on Basement	Does not exist
<b>Hood Exhaust Ductwork</b>	
Instance on Basement	Does not exist
<b>Hood Exhaust Fan</b>	
Instance on Basement	Does not exist
<b>Hood Fire Suppression System</b>	
Instance on Basement	Does not exist
<b>Hot Water Temperature Booster</b>	
Instance on Basement	Does not exist
<b>Kitchen Sink</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	MISSING INDIRECT WASTE
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 4
Violations	SF32682
<b>MDF Room</b>	Inspected
Instance on Room 303A	Inspected
<b>Dedicated A/C Equipment</b>	
Instance on Room 303A	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>SCIENCE DEMO ROOM</b>	Does not exist
<b>SCIENCE LAB</b>	Does not exist
<b>SCIENCE PREP ROOM</b>	Does not exist
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	Inspected
<b>Dry Sprinkler Alarm Valve Assembly</b>	Does not exist
<b>Wet Sprinkler Alarm Valve Assembly</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Fire Booster Pump Assembly</b>	Does not exist
<b>Roof Tank</b>	Does not exist
<b>Siamese Connection</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Sprinkler Head</b>	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Kitchen, Cafeteria (painted, 10)

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<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	
<b>Sprinkler Head</b>	
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
<b>Sprinkler Piping</b>	
Condition	Inspected
Deficiency	3- Fair
<b>Standpipe System</b>	
Condition	Does not exist
<b>Water Gong</b>	
Condition	Inspected
Deficiency	1- Good
<b>SWIMMING POOL</b>	
Condition	Does not exist
<b>VENTILATION</b>	
Is the building Mechanically ventilated?	Inspected
Deficiency	No
<b>Exhaust Fan</b>	
Condition	Inspected
Approximate Total # of Fans	3- Fair
Deficiency	1-25
<b>Heating And Ventilating Unit</b>	
Condition	Does not exist
<b>Metal Ductwork</b>	
Condition	Inspected
Are there any uninsulated ductwork by design in Mechanical rooms?	3- Fair
Are there chain operated dampers?	No
Deficiency	No
<b>Supply Fan</b>	
Condition	Does not exist
<b>Unit Ventilator</b>	
Condition	Does not exist