

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

**Mechanical Inspection**

**M175**


**Asset:** P.S. 175 - MANHATTAN, 175 WEST 134 STREET, MANHATTAN, NY, 10030

Inspection Id	Inspection Type	Time In	Last Edited
2672	MECHANICAL	2024-01-25 08:14AM	2024-03-08 11:08PM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Water Service; Electric Pressure Booster System Years: 2023 Systems: F&T/Steam Drip Traps Years: 2022 Systems: Terminal Unit Thermostatic Traps (~80%) Years: 2014 Systems: Student Fixtures - Toilets (~80%), Urinals; Staff Fixtures - Toilets Years: 2013
Are there fuel tanks?	Yes
Total # of above ground tanks	2
Total capacity of all above ground tanks in gal.	20,000
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	Boiler Room Mechanical Area; MER 230; Penthouse Fan Room
Are there any spaces with Missing or Defective CO Detectors?	No
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Rooms B7, B21 (painted, 8)
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	Defective Kitchen Gas System	Defective Shut-Off Switch	Gas System	Kitchen	MICHAEL GUSEK	Custodian	

**Inspection**

Question	Response
<b>Mechanical</b>	
<b>AIR CONDITIONING</b>	Does not exist
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	Does not exist
<b>CLIMATE CONTROL SYSTEM</b>	Under construction
<b>COMPACTOR</b>	Does not exist
<b>CONVEYING</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>	Inspected
<b>Electric Pressure Booster System</b>	Inspected
Instance	Boiler Room Mechanical Area
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Federal Pump
EquipmentId	N/A
Capacity/Size Quantity	2

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<b>Question</b>	<b>Response</b>
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Cold Water System</b>	
<b>Pressure Booster System</b>	
<b>Electric Pressure Booster System</b>	
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	10
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2023
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
<b>Hydraulic/Pneumatic Booster System</b>	Does not exist
<b>Water Service</b>	Inspected
Instance	Boiler Room Mechanical Area, Basement - Crawlspace
Instance Condition	1- Good
Instance Quantity	3
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>	Inspected
Condition	4- Between Fair and Poor
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	50
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	TANK RUSTY/LEAKS
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Electric Domestic Water Heater</b>	Does not exist
<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>	Under construction
<b>Domestic Water Distribution Piping</b>	Inspected
Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	Inspected
<b>Interior Storm Piping</b>	Inspected
Condition	3- Fair

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Question	Response
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	
<b>Interior Storm Piping</b>	
Deficiency	No deficiencies recorded
<b>Sewage/Waste/Vent Piping</b>	
Condition	Inspected
Deficiency	3- Fair
<b>Sewage Ejector Pump</b>	
Deficiency	No deficiencies recorded
<b>Sump Pump</b>	
Condition	Does not exist
Deficiency	Inspected
<b>DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)</b>	
Deficiency	Does not exist
<b>FIXTURES</b>	
<b>Staff And Other</b>	
<b>Janitor Sink</b>	
Condition	Inspected
Deficiency	Inspected
<b>Lavatory/Sink</b>	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	
Condition	Inspected
Deficiency	2- Between Good and Fair
<b>Urinal</b>	
Condition	Inspected
Deficiency	3- Fair
<b>Student</b>	
<b>Drinking Fountain</b>	
Condition	Inspected
Deficiency	2- Between Good and Fair
<b>Lavatory/Sink</b>	
Condition	No deficiencies recorded
Deficiency	Inspected
Deficiency Location/Instance	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Quantity	Boy's Toilet Room 213
Quantity Uom	2
Potential Action	EACH
Urgency of Action	MAINTENANCE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
<b>Locker Room Shower</b>	
Deficiency	No deficiencies recorded
<b>Sink And Fountain Combo Unit</b>	
Condition	Does not exist
Deficiency	Inspected
<b>Toilet</b>	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency Location/Instance	DEFECTIVE FLUSHOMETER VALVE
Deficiency Quantity	Boy's Toilet Room 111, Girl's Toilet Room 217
Quantity Uom	2
Potential Action	EACH
Urgency of Action	MAINTENANCE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded

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Question	Response
<b>FIXTURES</b>	
<b>Student</b>	
<b>Urinal</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>GAS FIRED FURNACE</b>	Does not exist
<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>	Does not exist
<b>Gas Meter Room Vent</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Gas Pressure Booster</b>	Does not exist
<b>CO/Gas Leak Detection</b>	Does not exist
<b>HEATING</b>	Inspected
<b>Heating Coil In Ductwork</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<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	Room 223, Corridor near Room 229
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
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>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>MER Steam and Condensate Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Steam Condensate Return Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Steam Condensate Return Pumping System</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE PUMP
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
<b>Steam Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
<b>HEATING</b>	
<b>Steam Heating</b>	
<b>Terminal Unit Thermostatic Trap</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Steam supplied by External Sources</b>	Does not exist
<b>Unit Heater/Cabinet Heater</b>	Does not exist
<b>HEATING PLANT</b>	
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	Preferred Utilities
Burner Model	BHE 8 3M4
Burner Type	Oil
Heating Plant Oil Number	2
<b>Boiler Auxiliaries</b>	
Instance on Basement	Inspected
<b>Boiler Auxiliary Piping</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Emergency Stop Switch</b>	
Instance on Basement	Inspected
Instance Condition	3- 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	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Make-up Water Backflow Preventer</b>	
Instance on Basement	Does not exist
<b>Boiler Room Steam And Condensate Piping</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE ISOLATION VALVE
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
<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

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Question	Response
<b>HEATING PLANT</b>	
<b>Boiler System</b>	
<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	6,087
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	National U.S. Radiator Corp.
EquipmentId	47217-1
Capacity/Size Quantity	70
Capacity/Size UOM	Burner GPH
Source of Capacity/Size	Documented
Installation Year	1958
Source of Installation Year	Documented
Deficiency	LEAKY/PLUGGED TUBES
Deficiency Quantity	1
Quantity Uom	EACH
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	6,087
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	National U.S. Radiator Corp.
EquipmentId	47217-2
Capacity/Size Quantity	70
Capacity/Size UOM	Burner GPH
Source of Capacity/Size	Documented
Installation Year	1958
Source of Installation Year	Documented
Deficiency	LEAKY/PLUGGED TUBES
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Fuel System</b>	
Instance on Basement	Inspected
<b>Boiler Fresh Air Louver/Damper</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Type	Automatic
Deficiency	No deficiencies recorded
<b>Burner/Burner Control Panel</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded

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<b>HEATING PLANT</b>	
<b>Fuel System</b>	
<b>Fuel Oil Storage/Supply System</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	FUEL OIL PIPING:DEFECTIVE/LEAKS
Deficiency Location/Instance	Basement near Oil Tank Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Gas Trains And Vent At The Boiler</b>	
Instance on Basement	Does not exist
<b>Enclosed IDF Room</b>	
Instance on Room 135	Inspected
<b>Dedicated A/C Equipment</b>	
Instance on Room 135	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Room 135
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>KITCHEN</b>	
Instance on 1st Floor	Inspected
<b>CO Detector</b>	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Gas System</b>	
Instance on 1st Floor	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE SHUT-OFF SWITCH
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
<b>Grease Trap</b>	
Instance on 1st Floor	Does not exist
<b>Hood</b>	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Ductwork</b>	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded

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<b>Question</b>	<b>Response</b>
<b>KITCHEN</b>	
<b>Hood Exhaust Fan</b>	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Hood Fire Suppression System</b>	
Instance on 1st Floor	Does not exist
<b>Hot Water Temperature Booster</b>	
Instance on 1st Floor	Does not exist
<b>Kitchen Sink</b>	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	Missing Air Gap
Deficiency Location/Instance	Kitchen (1 of 2)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE
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
<b>MDF Room</b>	
Instance on Room 316	Inspected
<b>Dedicated A/C Equipment</b>	
Instance on Room 316	Inspected
Instance Condition	3- Fair
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	3- Fair
Deficiency	No deficiencies recorded
<b>Fire Booster Pump Assembly</b>	
Does not exist	
<b>Roof Tank</b>	
Does not exist	
<b>Siamese Connection</b>	
Does not exist	
<b>Sprinkler Head</b>	
Inspected	
Condition	3- Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Rooms B7, B21 (painted, 8)
Deficiency Quantity	8
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded



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<b>Question</b>	<b>Response</b>
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	
<b>Sprinkler Piping</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Standpipe System</b>	Does not exist
<b>Water Gong</b>	Does not exist
<b>SWIMMING POOL</b>	Does not exist
<b>VENTILATION</b>	Inspected
Is the building Mechanically ventilated?	Partial
<b>Exhaust Fan</b>	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
<b>Heating And Ventilating Unit</b>	Does not exist
<b>Metal Ductwork</b>	Inspected
Condition	3- Fair
Are there any uninsulated ductwork by design in Mechanical rooms?	Yes
Are there chain operated dampers?	Yes
Deficiency	DAMAGED FLEXIBLE CONNECTION
Deficiency Location/Instance	Penthouse Fan Room @ Toilet Exhaust #8; MER 230 @ Gymnasium Blower #3, Kitchen Exhaust #5
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Supply Fan</b>	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-5
Deficiency	No deficiencies recorded
<b>Unit Ventilator</b>	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Cafeteria
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded