

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

**Mechanical Inspection**

**R019**

**Asset:** P.S. 19 - STATEN ISLAND, 780 POST AVENUE, STATEN ISLAND, NY, 10310

Inspection Id	Inspection Type	Time In	Last Edited
5020	MECHANICAL	2024-04-29 08:30AM	2024-05-30 01:28PM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Boiler Safety Valves Years: 2022 Systems: Climate Control System - BMS (except pneumatic sub-components) Years: 2021 Systems: Sump Pumps (6 of 8) Years: 2018 Systems: Drinking Fountains (~60%); MDF Room - Dedicated A/C Equipment (1 of 2, DX Split System); F&T/Steam Drip Traps; Terminal Unit Thermostatic Traps Years: 2017 Systems: Kitchen - Grease Trap; Heating And Ventilating Unit; Steam Condensate Return Pumping System (1 of 2); Sprinkler Heads; CO/Gas Leak Detection Years: 2015
Are there fuel tanks?	Yes
Total # of above ground tanks	1
Total capacity of all above ground tanks in gal.	8,000
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	2
MERs/Fan Rooms Locations	Boiler Room Mechanical Area, Basement MER, Basement Fan Room, 3rd Floor MER
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
<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>	Inspected
<b>BMS</b>	Inspected
Instance	Throughout (except Cafeteria and Gymnasium)
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Installation Year	2021
Source of Installation Year	Custodial Staff
Deficiency	DEFECTIVE TERMINAL UNIT CONTROL VALVE
Deficiency Location/Instance	Corridor near Room 213, 313
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

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Question	Response
<b>CLIMATE CONTROL SYSTEM</b>	
<b>BMS</b>	
Violations	No violations recorded
<b>Pneumatic System</b>	Inspected
Instance	Gymnasium
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
<b>Hybrid System</b>	Does not exist
<b>Electric System</b>	Does not exist
<b>COMPACTOR</b>	Inspected
Condition	3- Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room - Compactor Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
<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>	Does not exist
<b>Water Service</b>	Inspected
Instance	Boiler Room, Boiler Room Mechanical Area
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Boiler Room, Boiler Room Mechanical Area
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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>	Does not exist
<b>Gas Fired Domestic Water Heater</b>	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	A.O. Smith
EquipmentId	N/A
Capacity/Size Quantity	275
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	100

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Question	Response
<b>DOMESTIC WATER SYSTEM</b>	
<b>Domestic Hot Water System</b>	
<b>Gas Fired Domestic Water Heater</b>	
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2012
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
<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>	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
<b>DRAIN/WASTE/VENT AND STORM SYSTEM</b>	
	Inspected
<b>Interior Storm Piping</b>	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
<b>Sewage/Waste/Vent Piping</b>	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
<b>Sewage Ejector Pump</b>	
	Does not exist
<b>Sump Pump</b>	
Condition	Inspected
Deficiency	1- Good
	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>	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
<b>Lavatory/Sink</b>	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	CRACKED/PHYSICAL DAMAGE
Deficiency Quantity	Kitchen
Quantity Uom	1
Potential Action	EACH
Urgency of Action	REPLACE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded
<b>Toilet</b>	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
<b>Urinal</b>	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
<b>Student</b>	
	Inspected
<b>Drinking Fountain</b>	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency Location/Instance	CRACKED/PHYSICAL DAMAGE
Deficiency Quantity	Corridor near Room 161, Cafeteria
Quantity Uom	2
Potential Action	EACH
Urgency of Action	REPLACE
	PRIORITY 3

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Question	Response
<b>FIXTURES</b>	
<b>Student</b>	
<b>Drinking Fountain</b>	
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Lavatory/Sink</b>	Inspected
Condition	3- Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Girl's Toilet Room 360
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>	Inspected
Instance on Inside Room 365	Inaccessible
Instance on Inside Room 369	Inaccessible
<b>Sink And Fountain Combo Unit</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>GAS FIRED FURNACE</b>	Does not exist
<b>GAS SERVICE</b>	Inspected
<b>Gas Distribution Piping</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Gas Meter Room Exhaust Fan</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Gas Meter Room Vent</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Gas Pressure Booster</b>	Does not exist
<b>CO/Gas Leak Detection</b>	Inspected
Instance	Basement - Gas Meter Room, Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2015
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
<b>HEATING</b>	Inspected
<b>Heating Coil In Ductwork</b>	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	3rd Floor MER @ Gymnasium Blower #10
Deficiency Quantity	1
Quantity Uom	EACH

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Question	Response
<b>HEATING</b>	
<b>Heating Coil In Ductwork</b>	
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Hydronic Heating</b>	
	Does not exist
<b>Radiator/Convactor/Fin Tube</b>	
	Inspected
Condition	3- Fair
Deficiency	AUXILIARY (VALVE,VENT):DEFECTIVE
Deficiency Location/Instance	Corridor near Room 155, Girl's Toilet Room 360 and other locations
Deficiency Quantity	10
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	2- Between Good and Fair
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
<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>	
	Inspected
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	Industrial Combustion
Burner Model	DLG-84
Burner Type	Dual Fuel (Gas/Oil)
Heating Plant Oil Number	2
<b>Boiler Auxiliaries</b>	
Instance on Basement	Inspected

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Question	Response
<b>HEATING PLANT</b>	
<b>Boiler Auxiliaries</b>	
<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	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Boiler Feedwater Treatment(Automatic)</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<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	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE RPZ
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 Room Steam And Condensate Piping</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	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
<b>Boiler Safety Valve</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
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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<b>Question</b>	<b>Response</b>
<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	5,161
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	A. L. Eastmond & Sons Inc.
EquipmentId	3160-01
Capacity/Size Quantity	5161
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1998
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	5,161
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	A. L. Eastmond & Sons Inc.
EquipmentId	3160-02
Capacity/Size Quantity	5161
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1998
Source of Installation Year	Documented
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	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
<b>Fuel Oil Storage/Supply System</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Gas Trains And Vent At The Boiler</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Enclosed IDF Room</b>	
Instance on Original Building - Room 364	Inspected
<b>Dedicated A/C Equipment</b>	

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Question	Response
<b>Enclosed IDF Room</b>	
<b>Dedicated A/C Equipment</b>	
Instance on Original Building - Room 364	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>KITCHEN</b>	Inspected
Instance on 1st Floor	Inspected
<b>CO Detector</b>	
Instance on 1st Floor	Not required
<b>Gas System</b>	
Instance on 1st Floor	Does not exist
<b>Grease Trap</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<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
<b>Hood Exhaust Fan</b>	
Instance on 1st Floor	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Main Roof
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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	No deficiencies recorded
<b>MDF Room</b>	Inspected
Instance on Original Building - Room 356	Inspected
<b>Dedicated A/C Equipment</b>	
Instance on Original Building - Room 356	Inspected
Instance Condition	2- Between Good and 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>	Does not exist



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Question	Response
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	
<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	2- Between Good and Fair
Deficiency	No deficiencies recorded
<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>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<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	3rd Floor MER @ Gymnasium Exhaust Fan #11S
Deficiency Quantity	1
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	No deficiencies recorded