

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

Mechanical Inspection

**K015**

**Asset:** P.S. 15 - BROOKLYN, 71 SULLIVAN STREET, New York, 11231

Inspection Id	Inspection Type	Time In	Last Edited
ME : K015	Mechanical	2024-02-07 8:48 AM	2024-02-20 9:22 AM

**Asset Data**

Question	Answer
Are there fuel tanks?	No
Total # of water main service entries to the asset	2
MERs/Fan Rooms Locations	Fan Room B09
Are there any spaces with Missing or Defective CO Detectors?	No
Are there any Emergency Stop Switches with Missing Hammers?	No
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Rooms B03, B04, B05, B07, B08, Cafeteria Storage Room.
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Kitchen - Grease Trap
	Years: 2022
	Systems: F&T/Steam Drip Traps; Terminal Unit Thermostatic Traps
	Years: 2020
	Systems: Fixtures - Student: Lavatory/Sinks (50%), Toilets (45%), Urinals (50%)
	Years: 2019
	Systems: Fixtures - Staff And Other: Urinals; Fixtures - Student: Lavatory/Sinks (20%), Toilets (15%), Urinals (25%)
	Years: 2018
	Systems: DX Split Systems for Auditorium, Cafeteria and Gymnasium (18 of 19)
	Years: 2017
	Systems: Heating Plant; Climate Control System - BMS; Climate Control System - Electric System (Forced Air); Domestic Hot Water Remote Storage Tank; Gas Fired Domestic Water Heater; Gas Distribution Piping (80%); CO/Gas Leak Detection; MER Steam and Condensate Piping ; Unit Heater/Cabinet Heaters; Heating And Ventilating Units (3 of 4)
	Years: 2016
	Systems: Water Services; Sewage Ejector Pumps; Sump Pumps; Wet Sprinkler Alarm Valve Assembly
	Years: 2015
	Systems: Steam Condensate Return Pumping System
	Years: 2014
	Systems: MDF Room - Dedicated A/C Equipment (DX Split System, 1 of 2)
	Years: 2013

**Priority Condition**

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
Yes	Defective Boiler Safety Auxiliary	Leaky Boiler Safety Valves	HEATING PLANT   Boiler Auxiliaries   Boiler Safety Valve	Boiler Room / Boilers #1, #2	Joseph Hanna	Fireman	Sent to DSF	

**Inspection**

Question	Response
<b>Mechanical</b>	
<b>AIR CONDITIONING</b>	Inspected
<b>Chilled Water System</b>	Does not Exist

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Question	Response
<b>AIR CONDITIONING</b>	
<b>Chilled Water System</b>	
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
<b>Indoor Unit</b>	
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Outdoor Unit</b>	
Condition	1 - Good
Deficiency	UP TO 5 TONS: DEFECTIVE CONTROLS
Deficiency Location/Instance	Exterior walls of Auditorium, Gymnasium, Cafeteria
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations 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>	
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Return Fan</b>	Does not Exist
<b>CENTRAL ACID WASTE NEUTRALIZING TANK</b>	Does not Exist
<b>CLIMATE CONTROL SYSTEM</b>	
<b>BMS</b>	
Instance	Throughout
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Installation Year	2016
Source of Installation	Documented
Deficiency	No deficiencies recorded
<b>Pneumatic System</b>	Does not Exist
<b>Hybrid System</b>	Does not Exist
<b>Electric System</b>	
Instance	Auditorium, Gymnasium, Cafeteria (Forced Air)
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
<b>COMPACTOR</b>	Does not Exist

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<b>Question</b>	<b>Response</b>
<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>	Does not Exist
<b>Water Service</b>	Inspected
Instance	Basement - Crawlspace (RPZ in Room 114)
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Gas Meter Room B23
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
<b>Domestic Hot Water System</b>	Inspected
<b>Domestic Hot Water Remote Storage Tank</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Domestic Water Heat Exchanger</b>	Does not Exist
<b>Electric Domestic Water Heater</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Deficiency Photo 1	No photo recorded
Violations	No violations recorded.
<b>Heat Pump 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
Instance Manufacturer	Lochinvar
Equipment	N/A
Capacity/Size Quantity	250
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2016
Source of Installation	Documented

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<b>Question</b>	<b>Response</b>
<b>DOMESTIC WATER SYSTEM</b>	Inspected
<b>Domestic Hot Water System</b>	
<b>Gas Fired Domestic Water Heater</b>	
Deficiency	DEFECTIVE FRESH AIR LOUVER/DAMPER
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Oil Fired 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	SEWAGE/WASTE PIPING: CLOGGED
Deficiency Location/Instance	Various locations in Basement (backs up into building during flash flood), Room 135 (sink backs up due to clogged waste line)
Deficiency Quantity	60
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Sewage Ejector Pump</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<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
<b>Lavatory/Sink</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	2 - Between Good and Fair

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Question	Response
<b>FIXTURES</b>	
<b>Staff And Other</b>	Inspected
<b>Toilet</b>	Inspected
Deficiency	No deficiencies recorded
<b>Urinal</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Student</b>	Inspected
<b>Drinking Fountain</b>	Under Construction
<b>Lavatory/Sink</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Locker Room Shower</b>	Inspected
Instance on 1st Floor	Inaccessible
<b>Sink And Fountain Combo Unit</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Toilet</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Urinal</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>GAS FIRED FURNACE</b>	Does not Exist
<b>GAS SERVICE</b>	Inspected
<b>Gas Distribution Piping</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Gas Meter Room Exhaust Fan</b>	Does not Exist
<b>Gas Meter Room Vent</b>	Does not Exist
<b>Gas Pressure Booster</b>	Does not Exist
<b>CO/Gas Leak Detection</b>	Inspected
Instance	Boiler Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2016
Source of Installation	Documented
Deficiency	No deficiencies recorded
<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: DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Gymnasium Office
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE

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<b>HEATING</b>	
<b>Radiator/Convactor/Fin Tube</b>	Inspected
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
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	1 - Good
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	1 - Good
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
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room (broken tank sight glass), leaking hose and flange)
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Steam Piping</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Terminal Unit Thermostatic Trap</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Steam supplied by External Sources</b>	Does not Exist
<b>Unit Heater/Cabinet Heater</b>	Inspected
Condition	1 - Good
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room in front of Gas Fired Domestic Water Heater fresh air intake
Deficiency Quantity	1
Quantity Uom	EACH

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<b>HEATING</b>	
<b>Unit Heater/Cabinet Heater</b>	
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>HEATING PLANT</b>	
Replacement Quantity	Inspected
Replacement Uom	9,096
	MBH Net
Instance on Basement	Inspected
Burner Type	Gas
Heating Plant Oil Number	N/A
Is there a water meter on the boiler make-up water piping?	Yes
Observed Operational?	Yes
Burner Exists?	Yes
Burner Manufacturer	Webster
Burner Model Number	JB3G-75-LMV37-M.30VGD-UL/IRI
<b>Boiler Auxiliaries</b>	
Instance on Basement	Inspected
<b>Boiler Auxiliary Piping</b>	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Boiler Emergency Stop Switch</b>	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Boiler Feedwater System</b>	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Boiler Feedwater Treatment(Automatic)</b>	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Boiler Flue Exhaust</b>	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Boiler Make-up Water Backflow Preventer</b>	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Boiler Room Steam And Condensate Piping</b>	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Boiler Safety Valve</b>	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE

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Question	Response
<b>HEATING PLANT</b>	
<b>Boiler Auxiliaries</b>	
<b>Boiler Safety Valve</b>	
Deficiency Location/Instance	Boiler Room/ Boilers #1, #2
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Boiler System</b>	Inspected
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	Boiler Room
Instance Condition	1 - Good
Instance Quantity	4,548
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	Burnham
Equipment	53861-01
Capacity/Size Quantity	5,858
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2016
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	1 - Good
Instance Quantity	4,548
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	Burnham
Equipment	53861-02
Capacity/Size Quantity	5,858
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2016
Source of Installation	Documented
Deficiency	No deficiencies recorded
<b>Fuel System</b>	Inspected
Instance on Basement	Inspected



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<b>Question</b>	<b>Response</b>
<b>HEATING PLANT</b>	
<b>Fuel System</b>	
<b>Boiler Fresh Air Louver/Damper</b>	
Do Boiler Combustion Air Louvers exist?	Yes
Type	Automatic
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Burner/Burner Control Panel</b>	
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<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	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Enclosed IDF Room</b>	
Instance on Room 215	Inspected
<b>Dedicated A/C Equipment</b>	
Instance on Room 215	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Room 215
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>KITCHEN</b>	
Instance on 1st Floor	Inspected
<b>CO Detector</b>	
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Gas System</b>	
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Grease Trap</b>	
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Hood</b>	
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Ductwork</b>	
	Inspected

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<b>Question</b>	<b>Response</b>
<b>KITCHEN</b>	
<b>Hood Exhaust Ductwork</b>	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Hood Exhaust Fan</b>	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Hood Fire Suppression System</b>	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Hot Water Temperature Booster</b>	Does not Exist
Instance on 1st Floor	Does not Exist
<b>Kitchen Sink</b>	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	MISSING AIR GAP
Deficiency Location/Instance	Kitchen
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>MDF Room</b>	Inspected
Instance on Room 124A	Inspected
<b>Dedicated A/C Equipment</b>	Inspected
Instance on Room 124A	Inspected
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>	Inspected
Condition	2 - Between Good and 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 B03, B04, B05, B07, B08, Cafeteria Storage Room
Deficiency Quantity	20

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Question	Response
<b>SPRINKLERS, STANDPIPE, FIRE SYSTEM</b>	
<b>Sprinkler Head</b>	
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo	No photo recorded
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	Does not Exist
<b>SWIMMING POOL</b>	
Condition	Does not Exist
<b>VENTILATION</b>	
Is the building mechanically ventilated?	Inspected
Exhaust Fan	Partial
<b>Exhaust Fan</b>	
Approximate Total # of Fans	Inspected
Condition	1-25
Deficiency	3 - Fair
<b>Heating And Ventilating Unit</b>	
Condition	No deficiencies recorded
Deficiency	Inspected
<b>Metal Ductwork</b>	
Are there any uninsulated ductwork by design in Mechanical Rooms?	Inspected
Are there chain operated dampers?	Yes
Condition	No
Deficiency	2 - Between Good and Fair
<b>Supply Fan</b>	
Condition	Does not Exist
<b>Unit Ventilator</b>	
Condition	Inspected
Deficiency	3 - Fair
Deficiency	No deficiencies recorded