

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Asset: P.S. 241 - BROOKLYN, 976 PRESIDENT STREET, New York, 11225

Inspection Id	Inspection Type	Time In	Last Edited
ME : K241	Mechanical	2024-03-06 8:43 AM	2024-03-19 10:51 AM

Asset Data

Question	Answer
Are there fuel tanks?	Yes
Total # of above ground tanks	1
Total capacity of all above ground tanks in gal.	6,500
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	Basement MER
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 B04, B10
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Water Services; Electric Domestic Water Heater in Kitchen
	Years: 2024
	Systems: Science Lab 419
	Years: 2022
	Systems: Fixtures - Drinking Fountains (75%); CO/Gas Leak Detection
	Years: 2021
	Systems: Enclosed IDF Room - Dedicated A/C Equipment (DX Split System)
	Years: 2019
	Systems: MDF Room - Dedicated A/C Equipment (Window A/C, 1 of 2)
	Years: 2018
	Systems: Fixtures - Staff And Other: Toilets; Fixtures - Student: Toilets, Urinals (80%)
	Years: 2015
	Systems: Gas Fired Domestic Water Heater; Domestic Hot Water Remote Storage Tank
	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
No	Defective Boiler Safety Auxiliary	Wire with Fusible Link disconnected from oil shut off valve at Fuel Oil Transfer Pumps.	HEATING PLANT Fuel System Fuel Oil Storage/Supply System	Outside Fuel Oil Tank Room at Fuel Oil Transfer Pumps.	Pablo Martinez	Fireman	Sent to DSF	
No	Defective Sprinkler/Stand pipe System	Painted Sprinkler Head	SPRINKLERS, STANDPIPE, FIRE SYSTEM Sprinkler Head	Room B04	Pablo Martinez	Fireman	Sent to DSF	

Inspection

Question	Response
Mechanical	
AIR CONDITIONING	Does not Exist

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not Exist
Pneumatic System	Inspected
Instance	Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	41-60%
Deficiency	PNEUMATIC TUBING:DEFECTIVE/LEAKS AIR
Deficiency Location/Instance	Rooms 402, 407, Hallway across from Room 419 and various other locations
Deficiency Quantity	100
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Rooms 359, 460 and other locations
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo	No photo recorded
Violations	No violations recorded.
Hybrid System	Does not Exist
Electric System	Does not Exist
COMPACTOR	Does not Exist
CONVEYING	Does not Exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not Exist
Pressure Booster System	Inspected
Electric Pressure Booster System	Does not Exist
Hydraulic/Pneumatic Booster System	Inspected
Water Pressure Booster - Compressor	Does not Exist
Pressure Booster Pump	Does not Exist
Domestic Cold Water Tank	Inspected
Condition	3 - Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Basement MER
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	Inspected
Hydraulic/Pneumatic Booster System	
Domestic Cold Water Tank	
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Water Service	
	Inspected
Instance	Basement Crawlspace
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Domestic Hot Water System	
	Inspected
Domestic Hot Water Remote Storage Tank	
	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Domestic Water Heat Exchanger	
	Does not Exist
Electric Domestic Water Heater	
	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Heat Pump Domestic Water Heater	
	Does not Exist
Gas Fired Domestic Water Heater	
	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	225
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	
	Does not Exist
Domestic Water Distribution Piping	
	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Basement MER
Deficiency Quantity	20
Quantity Uom	L.F.

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Water Distribution Piping	
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	
Condition	Inspected
Deficiency	3 - Fair
Sewage/Waste/Vent Piping	
Condition	Inspected
Deficiency	3 - Fair
Sewage Ejector Pump	
Condition	Does not Exist
Sump Pump	
Condition	Inspected
Deficiency	5 - Poor
Deficiency Location/Instance	DEFECTIVE/DETERIORATED
Deficiency Quantity	Boiler Room
Quantity Uom	2
Potential Action	EACH
Urgency of Action	REPLACE
Purpose of Action	PRIORITY 3
Deficiency Photo1	LEVEL 2
Violations	No photo recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
Condition	Does not Exist
FIXTURES	
Staff And Other	
Condition	Inspected
Janitor Sink	
Condition	Inspected
Deficiency	3 - Fair
Lavatory/Sink	
Condition	Inspected
Deficiency	3 - Fair
Toilet	
Condition	Inspected
Deficiency	2 - Between Good and Fair
Urinal	
Condition	No deficiencies recorded
Student	
Drinking Fountain	
Condition	Does not Exist
Deficiency	Inspected
Deficiency Location/Instance	1 - Good
Deficiency Quantity	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Quantity Uom	Cafeteria
Potential Action	1
Urgency of Action	EACH
Purpose of Action	MAINTENANCE
	PRIORITY 3
	LEVEL 2

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
FIXTURES	
Student	
Drinking Fountain	Inspected
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Inspected
Instance on 4th Floor	Inspected
Instance Condition	3 - Fair
Alternative use	Yes
Deficiency	No deficiencies recorded
Sink And Fountain Combo Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not Exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Inspected
Instance	Boiler Room, Gas Meter Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2021
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
HEATING	Inspected
Heating Coil In Ductwork	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hydronic Heating	Does not Exist
Radiator/Convactor/Fin Tube	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
HEATING	
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Piping	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Room 04
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Steam Condensate Return Pumping System	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE TANK
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Steam Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Hallway adjacent to Room 450
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.
HEATING PLANT	Inspected
Replacement Quantity	8,598

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
HEATING PLANT	
Replacement Uom	MBH Net
Instance on Basement	Inspected
Burner Type	Dual Fuel (Gas/Oil)
Heating Plant Oil Number	2(B10)
Is there a water meter on the boiler make-up water piping?	Yes
Observed Operational?	No
Burner Exists?	Yes
Burner Manufacturer	Industrial Combustion
Burner Model Number	AN-709,060
Boiler Auxiliaries	Inspected
Instance on Basement	Inspected
Boiler Auxiliary Piping	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Flue Exhaust	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler System	Inspected
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	Does not Exist

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	5 - Poor
Instance Quantity	4,299
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	7963-01
Capacity/Size Quantity	4,299
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1999
Source of Installation	Documented
Deficiency	DEFECTIVE UNIT
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	4,299
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	7963-02
Capacity/Size Quantity	4,299
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1999
Source of Installation	Documented
Deficiency	No deficiencies recorded
Fuel System	Inspected
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	
Do Boiler Combustion Air Louvers exist?	Yes
Type	Automatic
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
HEATING PLANT	
Fuel System	
Fuel Oil Storage/Supply System	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	FUEL OIL PIPING: DEFECTIVE FUSIBLE LINK
Deficiency Location/Instance	Boiler Room (Wire with Fusible Link disconnected from oil shut off valve at Fuel Oil Transfer Pumps).
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Gas Trains And Vent At The Boiler	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Enclosed IDF Room	
Instance on Room 155	Inspected
Dedicated A/C Equipment	
Instance on Room 155	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
KITCHEN	
Instance on 1st Floor	Inspected
CO Detector	
Instance on 1st Floor	Not Required
Gas System	
Instance on 1st Floor	Does not Exist
Grease Trap	
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood	
Instance on 1st Floor	Does not Exist
Hood Exhaust Ductwork	
Instance on 1st Floor	Does not Exist
Hood Exhaust Fan	
Instance on 1st Floor	Does not Exist
Hood Fire Suppression System	
Instance on 1st Floor	Does not Exist
Hot Water Temperature Booster	
Instance on 1st Floor	Does not Exist
Kitchen Sink	
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	MISSING AIR GAP
Deficiency Location/Instance	Kitchen

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
KITCHEN	
Kitchen Sink	
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.
MDF Room	
	Inspected
Instance on Room 311	Inspected
Dedicated A/C Equipment	
	Inspected
Instance on Room 311	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Room 311 / DX Split System (1 of 2)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
SCIENCE DEMO ROOM	
	Does not Exist
SCIENCE LAB	
	Inspected
Instance on Room 419	Inspected
Alternative use	No
Acid Waste Neutralizing Tank	
	Does not Exist
Instance on Room 419	Does not Exist
CO Detector	
	Not Required
Instance on Room 419	Not Required
Emergency Shower	
	Does not Exist
Instance on Room 419	Does not Exist
Eye Wash	
	Inspected
Instance on Room 419	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
	Does not Exist
Instance on Room 419	Does not Exist
Hood Exhaust Fan	
	Does not Exist
Instance on Room 419	Does not Exist
Fixed Laboratory Hood	
	Does not Exist
Instance on Room 419	Does not Exist
Laboratory Sink	
	Inspected
Instance on Room 419	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Make-up Air Unit	
	Does not Exist
Instance on Room 419	Does not Exist

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
SCIENCE PREP ROOM	Does not Exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
Dry Sprinkler Alarm Valve Assembly	Does not Exist
Wet Sprinkler Alarm Valve Assembly	Does not Exist
Fire Booster Pump Assembly	Does not Exist
Roof Tank	Does not Exist
Siamese Connection	Does not Exist
Sprinkler Head	Inspected
Condition	5 - Poor
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Room B04
Deficiency Quantity	1
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.
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Rooms B04, B10
Deficiency Quantity	6
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.
Sprinkler Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Standpipe System	Does not Exist
Water Gong	Does not Exist
SWIMMING POOL	Does not Exist
VENTILATION	Inspected
Is the building mechanically ventilated?	Partial
Exhaust Fan	Inspected
Approximate Total # of Fans	1-25
Condition	3 - Fair
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not Exist
Metal Ductwork	Inspected
Are there any uninsulated ductwork by design in Mechanical Rooms?	Yes
Are there chain operated dampers?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
Supply Fan	Inspected
Approximate Total # of Fans	1-5
Condition	3 - Fair
Deficiency	No deficiencies recorded

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K241

Question	Response
VENTILATION	
Unit Ventilator	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded