

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q883

Asset: P.S. 182 - QUEENS, 90-40 150 STREET, New York, 11435

Inspection Id	Inspection Type	Time In	Last Edited
ME : Q883	Mechanical	2023-11-28 9:34 AM	2024-01-18 3:14 PM

Asset Data

Question	Answer
Are there fuel tanks?	Yes
Total # of above ground tanks	1
Total capacity of all above ground tanks in gal.	2,500
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	1
MERs/Fan Rooms Locations	None
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?	No
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Gas Meter Room Vent
	Years: 2023
	Systems: Boiler Safety Valve
	Years: 2022
	Systems: Boiler Make-up Water Backflow Preventer
	Years: 2020
	Systems: Fixtures - Student: Urinals
	Years: 2019
	Systems: Sewage Ejector Pumps
	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	Boiler Safety Valve is leaking	HEATING PLANT Boiler Auxiliaries Boiler Safety Valve	Boiler Room	Ramaish Mohanran	Fireman	Sent to DSF	

Inspection

Question	Response
Mechanical	
AIR CONDITIONING	Does not Exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL 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	Does not Exist
Water Service	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q883

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Does not Exist
Domestic Water Heat Exchanger	Does not Exist
Electric Domestic Water Heater	Does not Exist
Heat Pump Domestic Water Heater	Does not Exist
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	NSF
Equipment	N/A
Capacity/Size Quantity	95
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	67
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	1986
Source of Installation	Documented
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Does not Exist
Sewage/Waste/Vent Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Sump Pump	Does not Exist
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not Exist
FIXTURES	Inspected
Staff And Other	Inspected
Janitor Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Toilet	Inspected

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q883

Question	Response
FIXTURES	
Staff And Other	
Toilet	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Student	Inspected
Drinking Fountain	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Does not Exist
Sink And Fountain Combo Unit	Does not Exist
Toilet	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not Exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Does not Exist
Gas Meter Room Vent	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Does not Exist
HEATING	Inspected
Heating Coil In Ductwork	Does not Exist
Hydronic Heating	Inspected
Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	3 - Fair
Deficiency	PIPING: DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Multipurpose Room
Deficiency Quantity	100
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.
Backflow Preventer	Does not Exist

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q883

Question	Response
HEATING	
Hydronic Heating	Inspected
Hot Water Heat Exchanger	Does not Exist
Radiator/Convactor/Fin Tube	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Heating	Does not Exist
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Does not Exist
HEATING PLANT	
Replacement Quantity	1,011
Replacement Uom	MBH Net
Instance on Basement	Inspected
Burner Type	Oil
Heating Plant Oil Number	2(B10)
Is there a water meter on the boiler make-up water piping?	No
Burner Exists?	Yes
Burner Manufacturer	Carlin
Burner Model Number	70200
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	Does not Exist
Boiler Feedwater Treatment(Automatic)	
Instance on Basement	Does not Exist
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	1 - Good
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	
Instance on Basement	Does not Exist
Boiler Safety Valve	
Instance on Basement	Inspected
Condition	5 - Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q883

Question	Response
HEATING PLANT	
Boiler Auxiliaries	Inspected
Boiler Safety Valve	
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Boiler System	Inspected
Instance on Basement	Inspected
Coal-fired Boiler	
Instance on Basement	Does not Exist
Hot Water Boiler	
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1,011
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	A. L. Eastmond & Sons Inc.
Equipment	85450-02
Capacity/Size Quantity	1,011
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1986
Source of Installation	Documented
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Quantity	30
Quantity Uom	S.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Modular Boiler	
Instance on Basement	Does not Exist
Steam Boiler	
Instance on Basement	Does not Exist
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

Q883

Question	Response
HEATING PLANT	
Fuel System	
Fuel Oil Storage/Supply System	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Instance on Basement	Does not Exist
Enclosed IDF Room	Inspected
Instance on Closet inside Room 101	Inspected
Dedicated A/C Equipment	Inspected
Instance on Closet inside Room 101	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Closet inside Room 101
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.
KITCHEN	Does not Exist
MDF Room	Does not Exist
SCIENCE DEMO ROOM	Does not Exist
SCIENCE LAB	Does not Exist
SCIENCE PREP ROOM	Does not Exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	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	2 - Between Good and Fair
Deficiency	DEFECTIVE CONTROLS
Deficiency Location/Instance	Multipurpose Room
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.
Heating And Ventilating Unit	Does not Exist
Metal Ductwork	Inspected
Are there any uninsulated ductwork by design in Mechanical Rooms?	No
Are there chain operated dampers?	No
Condition	3 - Fair
Deficiency	No deficiencies recorded

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q883

Question	Response
VENTILATION	
Supply Fan	Does not Exist
Unit Ventilator	Does not Exist