

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q457

Asset: NEWTOWN AF - QUEENS, 90-20 56TH AVENUE, New York, 11373

Inspection Id	Inspection Type	Time In	Last Edited
ME : Q457	Mechanical	2023-11-21 8:08 AM	2023-12-01 4:51 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.	1,000
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	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: Boiler Make-up Water Backflow Preventer
	Years: 2018

Priority Condition

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
No condition recorded								

Inspection

Question	Response
Mechanical	
AIR CONDITIONING	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not Exist
Pneumatic System	Does not Exist
Hybrid System	Does not Exist
Electric System	Inspected
Instance	Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
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	Basement
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Deficiency Location/Instance	Basement
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.
Domestic Hot Water System	
	Inspected
Domestic Hot Water Remote Storage Tank	
	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Domestic Water Heat Exchanger	
	Does not Exist
Electric Domestic Water Heater	
	Does not Exist
Gas Fired Domestic Water Heater	
	Does not Exist
Heat Pump Domestic Water Heater	
	Does not Exist
Oil Fired Domestic Water Heater	
	Does not Exist
Domestic Water Distribution Piping	
Condition	3 - Fair
Deficiency	DEFECTIVE BACKFLOW PREVENTER
Deficiency Location/Instance	Boys Locker Room (for Athletic Field)
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/LEAKS
Deficiency Location/Instance	Basement Pipe Chase for Girls Toilet Room
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.
Deficiency	DAMAGED/MISSING INSULATION

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DOMESTIC WATER SYSTEM	
Domestic Water Distribution Piping	
Deficiency Location/Instance	Boiler Room, Basement Tunnels
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.
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	
Does not Exist	
Sump Pump	
Condition	5 - Poor
Deficiency	DEFECTIVE/DETERIORATED
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.
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
Does not Exist	
FIXTURES	
Staff And Other	
Inspected	
Janitor Sink	
Does not Exist	
Lavatory/Sink	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Toilet	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Urinal	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Student	
Inspected	
Drinking Fountain	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
FIXTURES	
Student	
Locker Room Shower	Inspected
Instance on 1st Floor	Inaccessible
Sink And Fountain Combo Unit	Does not Exist
Toilet	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not Exist
GAS SERVICE	Does not Exist
HEATING	Inspected
Heating Coil In Ductwork	Does not Exist
Hydronic Heating	Does not Exist
Radiator/Convactor/Fin Tube	Inspected
Condition	3 - Fair
Deficiency	RADIATOR/CONVECTOR: DEFECTIVE
Deficiency Location/Instance	Boys Locker Room, Boys Toilet 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.
Steam Heating	Inspected
F&T/Steam Drip Trap	Does not Exist
MER Steam and Condensate Piping	Does not Exist
Steam Condensate Return Piping	Does not Exist
Steam Condensate Return Pumping System	Does not Exist
Steam Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Does not Exist
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Does not Exist
HEATING PLANT	
Replacement Quantity	483
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	301CRD
Boiler Auxiliaries	Inspected
Instance on Basement	Inspected

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HEATING PLANT	
Boiler Auxiliaries	
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	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	10
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.
Boiler Safety Valve	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler System	
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
Steam Boiler	
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Instance Quantity	483
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	Yes
Instance Manufacturer	H. B. Smith Co., Inc.
Equipment	110181-01
Capacity/Size Quantity	644
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Inspector Estimate
Installation Year	1999
Source of Installation	Inspector Estimate
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	
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	Does not Exist
MDF Room	Does not Exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Does not Exist
VENTILATION	Does not Exist