

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

Mechanical Inspection

Q150

Asset: P.S. 150 - QUEENS, 40-01 43 AVENUE, New York, 11104

Inspection Id	Inspection Type	Time In	Last Edited
ME : Q150	Mechanical	2023-11-14 8:36 AM	2023-11-30 11:38 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.	6,000
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	3
MERs/Fan Rooms Locations	Boiler Room MER
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Kitchen
Are there any Emergency Stop Switches with Missing Hammers?	No
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Exit 10 Vestibule
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: DX Split System; Packaged / Rooftop Units; Gas Fired Furnace
	Years: 2022
	Systems: Kitchen - Hot Water Temperature Booster; Terminal Unit Thermostatic Traps (50%)
	Years: 2021
	Systems: CO/Gas Leak Detection (1 of 2); Terminal Unit Thermostatic Traps (50%); MDF Room - Dedicated A/C Equipment (Window A/C)
	Years: 2020
	Systems: Kitchen - Grease Trap
	Years: 2018
	Systems: Fixtures - Staff and Other: Toilets; Fixtures - Student: Toilets, Urinals
	Years: 2017
	Systems: Electric Domestic Water Heaters
	Years: 2015

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	Inspected
Chilled Water System	Does not Exist
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
Indoor Unit	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected

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Question	Response
AIR CONDITIONING	
DX Split System	
Outdoor Unit	
Condition	1 - Good
Deficiency	No deficiencies recorded
Dry Cooler	Does not Exist
Packaged / Rooftop Unit	Inspected
Instance	Building Addition - Roof
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-410A
Instance Manufacturer	Trane
Equipment	RTU-1
Capacity/Size Quantity	25
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2022
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition - Roof
Instance Condition	1 - Good
Instance Quantity	2
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-410A
Instance Manufacturer	Trane
Equipment	RTU-2, RTU-4
Capacity/Size Quantity	10
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2022
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition - Roof
Instance Condition	1 - Good
Instance Quantity	2
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-410A
Instance Manufacturer	Trane
Equipment	RTU-3, RTU-5
Capacity/Size Quantity	13
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2022
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Building Addition - Roof

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Instance Condition	1 - Good
Instance Quantity	2
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-410A
Instance Manufacturer	Trane
Equipment	RTU-6, RTU-7
Capacity/Size Quantity	4
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2022
Source of Installation	Documented
Deficiency	No deficiencies recorded
Packaged Terminal A/C	Does not Exist
Refrigerant Leak Detection System	Does not Exist
Refrigerant Piping	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Return Fan	Does not Exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Under Construction
Pneumatic System	Inspected
Instance	Original Building - Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
Hybrid System	Does not Exist
Electric System	Does not Exist
COMPACTOR	Does not Exist
CONVEYING	Inspected
Dumbwaiter	Does not Exist
Elevator	Inspected
Are all the existing elevators operable?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Does not Exist
Non-auditorium Handicap Lift - Stair	Does not Exist
Ash Hoist	Does not Exist
Sidewalk Elevator	Does not Exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not Exist
Pressure Booster System	Inspected

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	
Electric Pressure Booster System	Does not Exist
Hydraulic/Pneumatic Booster System	Inspected
Water Pressure Booster - Compressor	Inspected
Condition	3 - Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room MER
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Pressure Booster Pump	Inspected
Condition	3 - Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room MER
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Domestic Cold Water Tank	Inspected
Condition	3 - Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room MER
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Water Service	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance	Boiler Room MER
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Boiler Room MER
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.
Instance	Building Addition - Fire Service Room A103
Instance Condition	3 - Fair
Instance Quantity	1
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	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
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	PowerFlame
Equipment	N/A
Capacity/Size Quantity	1,255
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	500
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Inspector Estimate
Installation Year	1998
Source of Installation	Documented
Deficiency	NOT IN USE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Gas Fired Domestic Water Heater	
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Oil Fired Domestic Water Heater	
	Does not Exist
Domestic Water Distribution Piping	
Condition	Inspected
Deficiency	3 - Fair
	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
	Inspected
Interior Storm Piping	
Condition	Inspected
Deficiency	3 - Fair
	No deficiencies recorded
Sewage/Waste/Vent Piping	
Condition	Inspected
Deficiency	3 - Fair
	No deficiencies recorded
Sewage Ejector Pump	
	Does not Exist
Sump Pump	
Condition	Inspected
Deficiency	3 - Fair
	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
	Does not Exist
FIXTURES	
	Inspected
Staff And Other	
	Inspected
Janitor Sink	
Condition	Inspected
Deficiency	3 - Fair
	No deficiencies recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	3 - Fair
	No deficiencies recorded
Toilet	
Condition	Inspected
Deficiency	1 - Good
	No deficiencies recorded
Urinal	
	Does not Exist
Student	
	Inspected
Drinking Fountain	
Condition	Inspected
Deficiency	2 - Between Good and Fair
	No deficiencies recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	3 - Fair
	No deficiencies recorded
Locker Room Shower	
	Does not Exist
Sink And Fountain Combo Unit	
Condition	Inspected
Deficiency	3 - Fair
	No deficiencies recorded
Toilet	
Condition	Inspected
	1 - Good

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Question	Response
FIXTURES	
Student	
Toilet	Inspected
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	
Condition	1 - Good
Deficiency	No deficiencies recorded
GAS SERVICE	
Gas Distribution Piping	
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	
Instance	Original Building - Gas Meter Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Eclipse
Equipment	N/A
Capacity/Size Quantity	27,000
Capacity/Size UOM	SCFH
Source of Capacity/Size	Documented
Installation Year	1999
Source of Installation	Documented
Deficiency	No deficiencies recorded
CO/Gas Leak Detection	
Instance	Building Addition - Gas Meter Room A102
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2012
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Instance	Original Building - Boiler Room, Gas Meter Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2020
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
HEATING	
Heating Coil In Ductwork	
	Inspected

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Question	Response
HEATING	
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
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	No deficiencies recorded
Steam Condensate Return Pumping System	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE
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.
Steam Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
HEATING PLANT	
Replacement Quantity	8,602
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?	Yes
Burner Exists?	Yes
Burner Manufacturer	Iron Fireman
Burner Model Number	AG0-2-9.8RK
Boiler Auxiliaries	Inspected
Instance on Basement	Inspected

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Question	Response
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	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
Steam Boiler	
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	4,301
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	Kewanee Boiler Corporation

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Equipment	7284-01
Capacity/Size Quantity	5,540
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	1998
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	4,301
Instance Quantity Uom	MBH Net
Cast Iron Boiler?	No
Instance Manufacturer	Kewanee Boiler Corporation
Equipment	7284-02
Capacity/Size Quantity	5,540
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	1998
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	DUAL FUEL (OIL/GAS) BURNER: DEFECTIVE
Deficiency Location/Instance	Boiler Room / Boiler #1 leaks gas
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.
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	Inspected
Condition	3 - Fair

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Question	Response
HEATING PLANT	Inspected
Fuel System	Inspected
Gas Trains And Vent At The Boiler	
Deficiency	No deficiencies recorded
Enclosed IDF Room	Inspected
Instance on Room 361	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 361	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Room 361
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	Inspected
Instance on 1st Floor	Inspected
CO Detector	Inspected
Instance on 1st Floor	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Kitchen
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 System	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Grease Trap	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	Inspected
Instance on 1st Floor	Inspected

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Question	Response
KITCHEN	
Hood Exhaust Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Kitchen Sink	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Room 355	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 355	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	Does not Exist
SCIENCE LAB	Does not Exist
SCIENCE PREP ROOM	Does not Exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
Dry Sprinkler Alarm Valve Assembly	Does not Exist
Wet Sprinkler Alarm Valve Assembly	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fire Booster Pump Assembly	Does not Exist
Roof Tank	Does not Exist
Siamese Connection	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Exit 10 Vestibule
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.
Sprinkler Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Standpipe System	Does not Exist

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Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
Water Gong	Does not Exist
SWIMMING POOL	Does not Exist
VENTILATION	Inspected
Is the building mechanically ventilated?	Yes
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
Unit Ventilator	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded