

NYC Department of Education
Building Condition Assessment Survey 2018 - 2019

Mechanical Inspection

Q175

Asset: P.S. 175 - QUEENS, 64-35 102 STREET, New York, 11374

Inspection Id	Inspection Type	Time In	Last Edited
ME : Q175	Mechanical	2019-01-22 8:38 AM	2019-05-17 12:59 PM

Asset Data

Question	Answer
Are there fuel tanks?	Yes
Total # of above ground tanks	0
Total capacity of all above ground tanks in gal.	0
Total # of below ground tanks	2
Total capacity of all below ground tanks in gal.	20,000
Total # of water main service entries to the asset	3
MERs/Fan Rooms Locations	Sub-Basement MER, Fan Room 309, MER 315
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)	Basement Storage Room, Paint Storage Room
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Terminal Unit Thermostatic Traps (90%)
	Years: 2019
	Systems: Fixtures - Student: Toilets (20%), Urinals (90%); Fixtures - Staff and Other: Toilets (50%); Boiler Feedwater Treatment (Automatic)
	Years: 2017
	Systems: MDF Room - Dedicated A/C Equipment (DX Split System)
	Years: 2016
	Systems: Gas Fired Domestic Water Heater; Kitchen - Hood Exhaust Fan
	Years: 2015
	Systems: Climate Control System: Air Compressor, Refrigerated Air Dryers, PRV Station
	Years: 2013
	Systems: Elevator; DX Split System for Elevator Machine Room; Sump Pumps (2 of 4); Fixtures - Student: Lavatory/Sinks (90%), Sink and Fountain Combo Units, Toilets (75%)
	Years: 2011
	Systems: F&T/Steam Drip Traps
	Years: 2010
	Systems: Steam Condensate Return Pumping System; Sump Pumps (2 of 4)
	Years: 2009
	Systems: Boiler Safety Valves
	Years: 2008

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	Leaking Boiler Safety Valves	HEATING PLANT Boiler Auxiliaries Boiler Safety Valve	Boiler Room (3 of 4)	Douglas Hazel	Custodian	Sent to DSF	
Yes	Other	Ventilation Diffuser hanging from ceiling creating safety hazard	VENTILATION Metal Ductwork	Gymnasium	Douglas Hazel	Custodian	Sent to DSF	

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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
Condition	1 - Good
Deficiency	No deficiencies recorded
Dry Cooler	Does not Exist
Packaged / Rooftop Unit	Does not Exist
Packaged Terminal A/C	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	Does not Exist
Pneumatic System	Inspected
Instance	Throughout (Zone Control)
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	2 - Between Good and 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

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	Does not Exist
Water Service	Inspected
Instance	Boiler Room - Crawlspace
Instance Condition	3 - Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Boiler Room - Crawlspace
Deficiency Quantity	2
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	Sub-Basement MER - Crawlspace
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Sub-Basement MER - Crawlspace
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	Does not Exist
Domestic Water Heat Exchanger	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Electric Domestic Water Heater	Does not Exist
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	A.O. Smith
Equipment	N/A
Capacity/Size Quantity	75
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	74
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2015

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	Inspected
Gas Fired Domestic Water Heater	Inspected
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	DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	Various locations
Deficiency Quantity	20
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.
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	3 - Fair
Deficiency	SEWAGE/WASTE PIPING: DEFECTIVE/LEAKS
Deficiency Location/Instance	Boiler Room Workshop
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.
Sewage Ejector Pump	Does not Exist
Sump Pump	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
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	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Basement Women's Toilet Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE

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FIXTURES	
Staff And Other	
Lavatory/Sink	
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Toilet	
Condition	Inspected
Deficiency	2 - Between Good and Fair
Urinal	
Condition	Inspected
Deficiency	3 - Fair
Student	
Condition	Inspected
Drinking Fountain	
Condition	Inspected
Deficiency	3 - Fair
Lavatory/Sink	
Condition	Inspected
Deficiency	2 - Between Good and Fair
Locker Room Shower	
Instance on 2nd Floor	Inspected
Instance Quantity	Inaccessible
Instance Quantity Uom	1
Instance on 3rd Floor	EACH
Instance Condition	Inspected
Instance Quantity	3 - Fair
Instance Quantity Uom	1
Alternative use	EACH
Deficiency	Yes
Sink And Fountain Combo Unit	
Condition	Inspected
Deficiency	2 - Between Good and Fair
Toilet	
Condition	Inspected
Deficiency	2 - Between Good and Fair
Urinal	
Condition	Inspected
Deficiency	1 - Good
GAS FIRED FURNACE	
Condition	Does not Exist
GAS SERVICE	
Condition	Inspected
Gas Distribution Piping	
Condition	Inspected
Deficiency	3 - Fair
Gas Meter Room Exhaust Fan	
Condition	No deficiencies recorded
Gas Meter Room Vent	
Condition	Does not Exist
Gas Pressure Booster	
Condition	Does not Exist
CO/Gas Leak Detection	
Condition	Does not Exist
HEATING	
Condition	Inspected

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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	2 - Between Good and Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Sub-Basement MER
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 Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies 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	Does not Exist
HEATING PLANT	
Replacement Quantity	10,808
Replacement Uom	MBH Net
Instance on Sub-Basement	Inspected
Burner Type	Oil
Heating Plant Oil Number	4
Boiler Auxiliaries	Inspected
Instance on Sub-Basement	Inspected
Boiler Auxiliary Piping	Inspected
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	

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Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Emergency Stop Switch	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Sub-Basement	Inspected
Condition	5 - Poor
Deficiency	FEEDWATER TANK: 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.
Boiler Feedwater Treatment(Automatic)	
Instance on Sub-Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Boiler Flue Exhaust	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Sub-Basement	Does not Exist
Boiler Room Steam And Condensate Piping	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Sub-Basement	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Boiler Room (3 of 4)
Deficiency Quantity	3
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.
Boiler System	
Instance on Sub-Basement	Inspected
Coal-fired Boiler	
Instance on Sub-Basement	Does not Exist
Hot Water Boiler	
Instance on Sub-Basement	Does not Exist

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HEATING PLANT	
Boiler System	
Modular Boiler	
Instance on Sub-Basement	Does not Exist
Steam Boiler	
Instance on Sub-Basement	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	5,404
Instance Quantity Uom	MBH Net
Instance Manufacturer	Bison
Equipment	40014-01
Capacity/Size Quantity	60
Capacity/Size UOM	Burner GPH
Source of Capacity/Size	Documented
Installation Year	1951
Source of Installation	Documented
Deficiency	DAMAGED/MISSING INSULATION
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.
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance on Sub-Basement	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	5,404
Instance Quantity Uom	MBH Net
Instance Manufacturer	Bison
Equipment	40014-02
Capacity/Size Quantity	60
Capacity/Size UOM	Burner GPH
Source of Capacity/Size	Documented
Installation Year	1951
Source of Installation	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1

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HEATING PLANT	
Boiler System	
Steam Boiler	
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Fuel System	
	Inspected
Instance on Sub-Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Sub-Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Instance on Sub-Basement	Does not Exist
Enclosed IDF Room	
	Inspected
Instance on Room 217	Inspected
Dedicated A/C Equipment	
	Inspected
Instance on Room 217	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Room 217
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 Basement	Inspected
CO Detector	
	Not Required
Instance on Basement	Not Required
Gas System	
	Does not Exist
Instance on Basement	Does not Exist
Grease Trap	
	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood	
	Inspected

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Question	Response
KITCHEN	
Hood	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	Inspected
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Hood Fire Suppression System	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Kitchen Sink	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Room 228	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 228	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	NOT IN USE
Deficiency Location/Instance	Boiler Room Crawlspace
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.
Fire Booster Pump Assembly	Does not Exist
Roof Tank	Does not Exist
Siamese Connection	Does not Exist

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Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Sprinkler Head	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Basement Storage Room, Paint Storage Room
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
Exhaust Fan	Inspected
Approximate Total # of Fans	1-25
Condition	3 - Fair
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Sub-Basement MER / Auditorium Exh
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.
Heating And Ventilating Unit	Does not Exist
Metal Ductwork	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE REGISTER/DIFFUSER
Deficiency Location/Instance	Gymnasium
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.
Supply Fan	Inspected
Approximate Total # of Fans	1-5
Condition	3 - Fair
Deficiency	No deficiencies recorded
Unit Ventilator	Does not Exist