

**NYC Department of Education
Building Condition Assessment Survey 2018 - 2019**

Mechanical Inspection

Q811

Asset: P.S. 811 (OLD 187) - QUEENS, 61-25 MARATHON PKWY, New York, 11362

Inspection Id	Inspection Type	Time In	Last Edited
ME : Q811	Mechanical	2018-12-17 8:23 AM	2018-12-24 4:23 PM

Asset Data

Question	Answer
Are there fuel tanks?	No
Total # of water main service entries to the asset	1
MERs/Fan Rooms Locations	Basement MER, Penthouse Fan Room, Fan Room 249
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: Electric Domestic Water Heater; F&T/Steam Drip Traps; Terminal Unit Thermostatic Traps
	Years: 2018
	Systems: MDF Room - Dedicated A/C Equipment (DX Split System)
	Years: 2012

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	Inspected
Absorption Chiller	Does not Exist
Air Cooled Chiller	Inspected
Instance	Penthouse Chiller Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Carrier
Equipment	N/A
Capacity/Size Quantity	30
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	1992
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Penthouse Chiller Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Carrier
Equipment	N/A
Capacity/Size Quantity	30
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented

**NYC Department of Education
Building Condition Assessment Survey 2018 - 2019**

Mechanical Inspection

Q811

Question	Response
AIR CONDITIONING	
Chilled Water System	
Air Cooled Chiller	
Installation Year	1992
Source of Installation	Documented
Deficiency	No deficiencies recorded
Air Cooled Condenser	
	Inspected
Instance	Roof
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Carrier
Equipment	N/A
Capacity/Size Quantity	30
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1992
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Carrier
Equipment	N/A
Capacity/Size Quantity	30
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1992
Source of Installation	Documented
Deficiency	No deficiencies recorded
Chilled Water Distribution: Piping, Pumps and Auxiliaries	
	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Backflow Preventer	
	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Penthouse Chiller Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo 1	No photo recorded
Violations	No violations recorded.
Central Station Air Handler	
	Inspected
Instance	Basement MER
Instance Condition	3 - Fair
Instance Quantity	2

NYC Department of Education
Building Condition Assessment Survey 2018 - 2019

Mechanical Inspection

Q811

Question	Response
AIR CONDITIONING	
Chilled Water System	
Central Station Air Handler	
Instance Quantity Uom	EACH
Instance Manufacturer	Carrier
Equipment	N/A
Capacity/Size Quantity	15
Capacity/Size UOM	Fan Motor HP
Source of Capacity/Size	Documented
Installation Year	1992
Source of Installation	Documented
Deficiency	No deficiencies recorded
Fan Coil Unit	Does not Exist
Packaged Air Cooled Chiller	Does not Exist
Water Cooled Chiller	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	Does not Exist
Dry Cooler	Does not Exist
Packaged / Rooftop Unit	Does not Exist
Packaged Terminal A/C	Does not Exist
Refrigerant Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Return Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Under Construction
Pneumatic System	Does not Exist
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

NYC Department of Education
Building Condition Assessment Survey 2018 - 2019

Mechanical Inspection

Q811

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Gravity System	Does not Exist
Pressure Booster System	Inspected
Electric Pressure Booster System	Inspected
Instance	Room B10
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pump
Equipment	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	10
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2007
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Inspected
Water Pressure Booster - Compressor	Inspected
Condition	3 - Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Room B10
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	Room B10
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	Room B10
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION

**NYC Department of Education
Building Condition Assessment Survey 2018 - 2019**

Mechanical Inspection

Q811

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	
Hydraulic/Pneumatic Booster System	
Domestic Cold Water Tank	
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Water Service	Inspected
Instance	Room B10
Instance Condition	4 - Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: DEFECTIVE ISOLATION VALVE
Deficiency Location/Instance	Room B10
Deficiency Quantity	2
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	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Room B10
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	Under Construction
Domestic Water Heat Exchanger	Does not Exist
Electric Domestic Water Heater	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Under Construction
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	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	3 - Fair

**NYC Department of Education
Building Condition Assessment Survey 2018 - 2019**

Mechanical Inspection

Q811

Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Sewage/Waste/Vent Piping	Inspected
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Does not Exist
Sump Pump	Under Construction
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
Condition	3 - Fair
Deficiency	No deficiencies recorded
Urinal	Does not Exist
Student	Inspected
Drinking Fountain	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC.)
Deficiency Location/Instance	Student Toilet Room 209C
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.
Locker Room Shower	Inspected
Instance on 1st Floor	Inaccessible
Instance Quantity	1
Instance Quantity Uom	EACH
Instance on 2nd Floor	Inspected
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Alternative use	Yes
Deficiency	No deficiencies recorded
Sink And Fountain Combo Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Building Condition Assessment Survey 2018 - 2019**

Mechanical Inspection

Q811

Question	Response
FIXTURES	Inspected
Student	
Urinal	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not Exist
GAS SERVICE	Under Construction
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
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	1 - Good
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	Under Construction
Steam Piping	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Basement Crawlspace
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.
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	Inspected
Replacement Uom	MBH Net
Instance on Basement	Under Construction
Enclosed IDF Room	Inspected
Instance on Room 113	Inspected

NYC Department of Education
Building Condition Assessment Survey 2018 - 2019

Mechanical Inspection

Q811

Question	Response
Enclosed IDF Room	
Dedicated A/C Equipment	Inspected
Instance on Room 113	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Room 113
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	Not Required
Instance on 1st Floor	Not Required
Gas System	Does not Exist
Instance on 1st Floor	Does not Exist
Grease Trap	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood	Does not Exist
Instance on 1st Floor	Does not Exist
Hood Exhaust Ductwork	Does not Exist
Instance on 1st Floor	Does not Exist
Hood Exhaust Fan	Does not Exist
Instance on 1st Floor	Does not Exist
Hood Fire Suppression System	Does not Exist
Instance on 1st Floor	Does not Exist
Hot Water Temperature Booster	Does not Exist
Instance on 1st Floor	Does not Exist
Kitchen Sink	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Room 206	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 206	Inspected
Condition	2 - Between Good and Fair
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	Does not Exist

NYC Department of Education
Building Condition Assessment Survey 2018 - 2019

Mechanical Inspection

Q811

Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Fire Booster Pump Assembly	Does not Exist
Roof Tank	Does not Exist
Siamese Connection	Does not Exist
Sprinkler Head	Inspected
Condition	3 - Fair
Deficiency	No deficiencies 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	No deficiencies recorded
Heating And Ventilating Unit	Does not Exist
Metal Ductwork	Inspected
Condition	3 - Fair
Deficiency	DAMAGED FLEXIBLE CONNECTION
Deficiency Location/Instance	Basement MER / Gymnasium Exh, Penthouse Fan Room / House Exh, Toilet Exh
Deficiency Quantity	5
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.
Supply Fan	Does not Exist
Unit Ventilator	Does not Exist