

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q213

Asset: P.S. 213 - QUEENS, 231-02 67 AVENUE, New York, 11364

| Inspection Id | Inspection Type | Time In | Last Edited |
|---------------|-----------------|--------------------|---------------------|
| ME : Q213 | Mechanical | 2023-10-19 6:52 AM | 2023-11-01 12:55 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. | 10,000 |
| 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 | 2 |
| MERs/Fan Rooms Locations | Basement MER |
| Are there any spaces with Missing or Defective CO Detectors? | No |
| Are there any Emergency Stop Switches with Missing Hammers? | Yes |
| Component Affected | Boiler Emergency Stop Switch |
| Location | Boiler Room Entrance |
| Are there any Painted/Obstructed Sprinkler Heads? | Yes |
| Location(s) | Storage Room inside Boiler Room. (Near the compressor system) |
| Have any Systems/Major Building Components been upgraded? | Yes |
| | Systems: Boiler Make-up Water Backflow Preventer |
| | Years: 2019 |
| | Systems: F&T/Steam Drip Traps; Terminal Unit Thermostatic Traps; Steam Condensate Return Pumping System; Enclosed IDF Room 327- Dedicated A/C Equipment (DX Split System) ; MDF Room - Dedicated A/C Equipment (DX Split System) |
| | Years: 2018 |
| | Systems: Boiler Feedwater Treatment (Automatic) |
| | Years: 2017 |
| | Systems: Boiler Safety Valves ; Kitchen Hood Exhaust Fan |
| | Years: 2014 |

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 |
| CENTRAL ACID WASTE NEUTRALIZING TANK | Does not Exist |
| CLIMATE CONTROL SYSTEM | Inspected |
| BMS | Does not Exist |
| Pneumatic System | Inspected |
| Instance | Throughout |
| Instance Condition | 3 - Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Building Area Covered by Operational System | 81-100% |
| Deficiency | DEFECTIVE TEMPERATURE CONTROL ZONE VALVE |
| Deficiency Location/Instance | Boiler Room (above Boiler#1 and above Air Compressor for climate control) |
| Deficiency Quantity | 2 |

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| Question | Response |
|--|--|
| CLIMATE CONTROL SYSTEM | |
| Pneumatic System | |
| Quantity Uom | EACH |
| Potential Action | MAINTENANCE |
| Urgency of Action | PRIORITY 3 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo | No photo recorded |
| Violations | No violations 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 | |
| Domestic Cold Water System | Inspected |
| Gravity System | Does not Exist |
| Pressure Booster System | Does not Exist |
| Water Service | Inspected |
| Instance | Schoolyard at 230th Street |
| Instance Condition | 3 - Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Deficiency | WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE |
| Deficiency Location/Instance | Schoolyard at 230th street |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | INSTALL |
| Urgency of Action | PRIORITY 3 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo | No photo recorded |
| Violations | No violations recorded. |
| Instance | Sprinkler Valve Main Control Room |
| Instance Condition | 3 - Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Deficiency | WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE |
| Deficiency Location/Instance | Sprinkler Valve Main Control Room |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |

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| Question | Response |
|---|---|
| DOMESTIC WATER SYSTEM | |
| Domestic Cold Water System | |
| Water Service | |
| 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 | |
| | Does not Exist |
| Heat Pump Domestic Water Heater | |
| | Does not Exist |
| Oil Fired Domestic Water Heater | |
| | Does not Exist |
| Domestic Water Distribution Piping | |
| | Inspected |
| Condition | 3 - Fair |
| Deficiency | DEFECTIVE/LEAKS |
| Deficiency Location/Instance | Basement Passage (in front of Boiler 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. |
| 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 | 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. |
| Sewage Ejector Pump | |
| | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Sump Pump | |
| | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |

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| Question | Response |
|--|--------------------------|
| 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 | 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 | CLOGGED/LEAKING |
| Deficiency Location/Instance | Room 314(B) |
| 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 on 2nd Floor | Inaccessible |
| Sink And Fountain Combo Unit | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| 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 | 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 |

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|--|---------------------------|
| GAS SERVICE | |
| Gas Meter Room Vent | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Gas Pressure Booster | Does not Exist |
| CO/Gas Leak Detection | Does not Exist |
| 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 | No deficiencies recorded |
| Steam Condensate Return Piping | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Steam Condensate Return Pumping System | Inspected |
| Condition | 1 - Good |
| Deficiency | No deficiencies recorded |
| Steam Piping | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Terminal Unit Thermostatic Trap | Inspected |
| Condition | 2 - Between Good and Fair |
| 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 | 8,074 |
| 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 | Gordon Piatt |
| Burner Model Number | AF147503 |
| Boiler Auxiliaries | Inspected |
| Instance on Basement | Inspected |
| Boiler Auxiliary Piping | |
| Instance on Basement | Inspected |

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| Question | Response |
|--|------------------------------------|
| HEATING PLANT | |
| Boiler Auxiliaries | |
| Boiler Auxiliary Piping | |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Boiler Emergency Stop Switch | |
| Instance on Basement | Inspected |
| Condition | 3 - Fair |
| Deficiency | MISSING HAMMER |
| Deficiency Location/Instance | Boiler Room Entrance, Basement MER |
| Deficiency Quantity | 2 |
| Quantity Uom | EACH |
| Potential Action | MAINTENANCE |
| Urgency of Action | PRIORITY 5 |
| Purpose of Action | LEVEL 6 |
| Deficiency Photo | No photo recorded |
| Violations | No violations recorded. |
| Boiler Feedwater System | |
| Instance on Basement | Does not Exist |
| Boiler Feedwater Treatment(Automatic) | |
| Instance on Basement | Inspected |
| Condition | 1 - Good |
| 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 | 1 - Good |
| 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 | 2 - Between Good and 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 |

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|--|----------------------------|
| HEATING PLANT | |
| Boiler System | |
| Steam Boiler | |
| Instance Condition | 3 - Fair |
| Instance Quantity | 4,037 |
| Instance Quantity Uom | MBH Net |
| Cast Iron Boiler? | No |
| Instance Manufacturer | Fitzgibbons Boiler Company |
| Equipment | 44175-01 |
| Capacity/Size Quantity | 5,360 |
| Capacity/Size UOM | Lbs/Hr steam |
| Source of Capacity/Size | Documented |
| Installation Year | 1955 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Instance | Boiler Room |
| Instance Condition | 3 - Fair |
| Instance Quantity | 4,037 |
| Instance Quantity Uom | MBH Net |
| Cast Iron Boiler? | No |
| Instance Manufacturer | Fitzgibbons Boiler Company |
| Equipment | 44175-02 |
| Capacity/Size Quantity | 5,360 |
| Capacity/Size UOM | Lbs/Hr steam |
| Source of Capacity/Size | Documented |
| Installation Year | 1955 |
| 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 | 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 | |
| Instance on Room 203A | Inspected |
| Instance on Room 327 | Inspected |
| Dedicated A/C Equipment | |
| | Inspected |

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| Question | Response |
|--------------------------------------|---------------------------|
| Enclosed IDF Room | |
| Dedicated A/C Equipment | |
| Instance on Room 327 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 203A | Inspected |
| Condition | 4 - Between Fair and Poor |
| Deficiency | DOES NOT EXIST |
| Deficiency Location/Instance | Room 203A |
| 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 | Does not Exist |
| Instance on 1st Floor | Does not Exist |
| 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 |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Hood Fire Suppression System | Does not Exist |
| Instance on 1st Floor | Does not Exist |
| Hot Water Temperature Booster | Inspected |
| Instance on 1st Floor | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Kitchen Sink | Inspected |
| Instance on 1st Floor | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| MDF Room | Inspected |
| Instance on 105A | Inspected |
| Dedicated A/C Equipment | Inspected |
| Instance on 105A | Inspected |

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| Question | Response |
|---|--|
| MDF Room | Inspected |
| Dedicated A/C Equipment | |
| 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 |
| Fire Booster Pump Assembly | Does not Exist |
| Roof Tank | Does not Exist |
| Siamese Connection | Does not Exist |
| Sprinkler Head | Inspected |
| Condition | 3 - Fair |
| Deficiency | DEFECTIVE/DETERIORATED |
| Deficiency Location/Instance | Basement (Storage Room inside Boiler Room) |
| 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 | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Standpipe System | Does not Exist |
| 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 | 2 - Between Good and 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 | Does not Exist |