

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

Asset: EDWARD R. MURROW HS - K, 1600 AVENUE L, New York, 11230

| Inspection Id | Inspection Type | Time In | Last Edited |
|---------------|-----------------|--------------------|--------------------|
| ME : K525 | Mechanical | 2024-01-08 8:45 AM | 2024-06-06 1:17 PM |

Asset Data

| Question | Answer |
|--|---|
| Are there fuel tanks? | Yes |
| Total # of above ground tanks | 3 |
| Total capacity of all above ground tanks in gal. | 40,250 |
| 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 | MERs MB17, M496, Steam Condensate Return Pumping System - Basement Crawlspace, Auditorium MER, Penthouse MER, Planetarium MER |
| Are there any spaces with Missing or Defective CO Detectors? | Yes |
| Location(s) | Science Demo Rooms 382, 386, 387, 483, 486, Science Labs 388, 391, 399, 481, 487, 499, Science Prep Rooms 395, 491, 492, 495 |
| Are there any Emergency Stop Switches with Missing Hammers? | No |
| Are there any Painted/Obstructed Sprinkler Heads? | Yes |
| Location(s) | Rooms 154, 301, 347B, 420 |
| Have any Systems/Major Building Components been upgraded? | Yes |
| | Systems: Electric Pressure Booster System |
| | Years: 2023 |
| | Systems: Boiler Feedwater Treatment (Automatic); Boiler Make-up Water Backflow Preventer; Boiler Safety Valves |
| | Years: 2022 |
| | Systems: DX Split Systems for Rooms 118, 124, 143, 181, 183, 231, 233 (7 of 23); Climate Control System - Pneumatic System: Air Compressor, Refrigerated Air Dryers, Pneumatic PRV Station; Sump Pumps (2 of 4); CO/Gas Leak Detection; Heating Plant - Boiler Emergency Stop Switches, Boiler Fresh Air Louver/Dampers |
| | Years: 2021 |
| | Systems: Heating Plant - Burner/Burner Control Panel |
| | Years: 2020 |
| | Systems: Absorption Chiller; Cooling Tower; Chilled Water System - Backflow Preventer; DX Split Systems for Planetarium and Room 250 (2 of 23); F&T/Steam Drip Traps; Terminal Unit Thermostatic Traps |
| | Years: 2017 |
| | Systems: DX Split System for Elevator Machine Room MB1 (1 of 23); Central Acid Waste Neutralizing Tank; Fixtures - Toilets, Urinals; Kitchen - Grease Trap; MDF Room - Dedicated A/C Equipment (DX Split System) |
| | Years: 2015 |
| | Systems: DX Split System for Auditorium and Science Lab 481 (5 of 23); Cooling Coils in Ductwork for Auditorium |
| | 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 | Inspected |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|--|---------------------------|
| AIR CONDITIONING | |
| Chilled Water System | Inspected |
| Absorption Chiller | Inspected |
| Instance | Penthouse MER |
| Instance Condition | 1 - Good |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | Cention |
| Equipment | N/A |
| Capacity/Size Quantity | 250 |
| Capacity/Size UOM | Tons |
| Source of Capacity/Size | Inspector Estimate |
| Installation Year | 2017 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Air Cooled Chiller | Does not Exist |
| Air Cooled Condenser | Does not Exist |
| Chilled Water Distribution: Piping, Pumps and Auxiliaries | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Backflow Preventer | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Central Station Air Handler | Inspected |
| Instance | Penthouse MER |
| Instance Condition | 3 - Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | McQuay |
| Equipment | AC-1 |
| Capacity/Size Quantity | 40 |
| Capacity/Size UOM | Fan Motor HP |
| Source of Capacity/Size | Inspector Estimate |
| Installation Year | 1974 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Instance | Penthouse MER |
| Instance Condition | 3 - Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | McQuay |
| Equipment | AC-2 |
| Capacity/Size Quantity | 25 |
| Capacity/Size UOM | Fan Motor HP |
| Source of Capacity/Size | Documented |
| Installation Year | 1974 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Fan Coil Unit | Does not Exist |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|--|---------------------------|
| AIR CONDITIONING | |
| Chilled Water System | Inspected |
| Packaged Air Cooled Chiller | Does not Exist |
| Water Cooled Chiller | Does not Exist |
| Condenser Water Distribution: Piping, Pumps and Auxiliaries | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Cooling Coil in Ductwork | Inspected |
| Condition | 1 - Good |
| Deficiency | No deficiencies recorded |
| Cooling Tower | Inspected |
| Instance | Penthouse |
| Instance Condition | 1 - Good |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | Evapco |
| Equipment | N/A |
| Capacity/Size Quantity | 250 |
| Capacity/Size UOM | Tons |
| Source of Capacity/Size | Inspector Estimate |
| Installation Year | 2017 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| DX Split System | Inspected |
| Indoor Unit | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Outdoor Unit | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Dry Cooler | Does not Exist |
| Packaged / Rooftop Unit | Under Construction |
| Packaged Terminal A/C | Does not Exist |
| Refrigerant Leak Detection System | Does not Exist |
| Refrigerant Piping | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Return Fan | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| CENTRAL ACID WASTE NEUTRALIZING TANK | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| CLIMATE CONTROL SYSTEM | Inspected |
| BMS | Inspected |
| Instance | Gymnasiums |
| Instance Condition | 4 - Between Fair and Poor |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|--|---|
| CLIMATE CONTROL SYSTEM | |
| BMS | |
| Building Area Covered by Operational System | 0-20% |
| Installation Year | 2007 |
| Source of Installation | Inspector Estimate |
| Deficiency | DEFECTIVE SYSTEM |
| Deficiency Location/Instance | Gymnasiums |
| 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. |
| Pneumatic System | Inspected |
| Instance | Throughout except Gymnasiums, Science Labs 481, 487 |
| 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 | Inspected |
| Instance | Science Labs 481, 487 |
| Instance Condition | 3 - Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Building Area Covered by Operational System | 81-100% |
| Deficiency | No deficiencies recorded |
| COMPACTOR | Inspected |
| Condition | 3 - Fair |
| Deficiency | NOT IN USE |
| Deficiency Location/Instance | Room M140A |
| 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. |
| 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 |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|--|--|
| CONVEYING | Inspected |
| 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 |
| Electric Pressure Booster System | Inspected |
| Instance | Room MB11 |
| Instance Condition | 1 - Good |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | WEG |
| Equipment | N/A |
| Capacity/Size Quantity | 2 |
| Capacity/Size UOM | Total # Pumps |
| Capacity/Size2 Quantity | 15 |
| Capacity/Size2 UOM | Total Pumps HP |
| Source of Capacity/Size | Documented |
| Installation Year | 2023 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Hydraulic/Pneumatic Booster System | Inspected |
| Water Pressure Booster - Compressor | Does not Exist |
| Pressure Booster Pump | Does not Exist |
| Domestic Cold Water Tank | Inspected |
| Condition | 3 - Fair |
| Deficiency | NOT IN USE |
| Deficiency Location/Instance | Room MB11 |
| 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 | Room MB11 |
| Instance Condition | 3 - Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Deficiency | WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE |
| Deficiency Location/Instance | Room MB11 |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | INSTALL |
| Urgency of Action | PRIORITY 3 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|---|--|
| DOMESTIC WATER SYSTEM | Inspected |
| Domestic Cold Water System | |
| Water Service | |
| Violations | No violations recorded. |
| Instance | Room MB13 |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Deficiency | WATER MAIN: DEFECTIVE VALVE |
| Deficiency Location/Instance | Room MB13 |
| 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. |
| Instance | MER MB17 |
| Instance Condition | 3 - Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Deficiency | WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE |
| Deficiency Location/Instance | MER MB17 |
| 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 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| 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 | 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 |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|--|---------------------------|
| DRAIN/WASTE/VENT AND STORM SYSTEM | |
| Sewage/Waste/Vent Piping | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Sewage Ejector Pump | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| 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 | No deficiencies recorded |
| Toilet | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Urinal | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Student | Inspected |
| Drinking Fountain | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Lavatory/Sink | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Locker Room Shower | Inspected |
| Instance on 2nd Floor | Inaccessible |
| Instance on 3rd Floor | Inaccessible |
| Sink And Fountain Combo Unit | Does not Exist |
| Toilet | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Urinal | Inspected |
| Condition | 2 - Between Good and 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 | Does not Exist |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|---|--|
| GAS SERVICE | |
| Gas Pressure Booster | Does not Exist |
| CO/Gas Leak Detection | Inspected |
| Instance | Boiler Room (CO Detection) |
| Instance Condition | 1 - Good |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Installation Year | 2021 |
| Source of Installation | Inspector Estimate |
| Deficiency | No deficiencies recorded |
| 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 | 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 | 3 - Fair |
| Deficiency | DEFECTIVE |
| Deficiency Location/Instance | Steam Condensate Return Pumping System - Basement Crawlspace (Tank leaks at switch connection) |
| 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 PUMP |
| Deficiency Location/Instance | Steam Condensate Return Pumping System - Basement Crawlspace, Penthouse MER |
| 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. |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|--|---|
| HEATING | |
| Steam Heating | |
| Steam Piping | |
| Condition | Inspected |
| Deficiency | 3 - Fair |
| | No deficiencies recorded |
| Terminal Unit Thermostatic Trap | |
| Condition | Inspected |
| Deficiency | 2 - Between Good and Fair |
| | No deficiencies recorded |
| Steam supplied by External Sources | |
| | Does not Exist |
| Unit Heater/Cabinet Heater | |
| Condition | Inspected |
| Deficiency | 3 - Fair |
| | No deficiencies recorded |
| HEATING PLANT | |
| Replacement Quantity | Inspected |
| Replacement Uom | 48,132 |
| Instance on Basement | MBH Net |
| Burner Type | Inspected |
| Heating Plant Oil Number | Oil |
| Is there a water meter on the boiler make-up water piping? | 2(B20) |
| Burner Exists? | No |
| Burner Manufacturer | Yes |
| Burner Model Number | Preferred Utilities |
| | API-AF-0400-XOP-R-40-SE |
| Boiler Auxiliaries | |
| Instance on Basement | Inspected |
| | Inspected |
| Boiler Auxiliary Piping | |
| Instance on Basement | Inspected |
| Condition | Inspected |
| Deficiency | 3 - Fair |
| | No deficiencies recorded |
| Boiler Emergency Stop Switch | |
| Instance on Basement | Inspected |
| Condition | Inspected |
| Deficiency | 1 - Good |
| | No deficiencies recorded |
| Boiler Feedwater System | |
| Instance on Basement | Inspected |
| Condition | Inspected |
| Deficiency | 3 - Fair |
| Deficiency Location/Instance | FEEDWATER TANK: DEFECTIVE TANK AUXILIARIES(AUTO FEEDWATER VALVE, LOW LEVEL CUT OFF,ETC) |
| Deficiency Quantity | Boiler Room (leaking) |
| Quantity Uom | 1 |
| Potential Action | EACH |
| Urgency of Action | MAINTENANCE |
| Purpose of Action | PRIORITY 3 |
| Deficiency Photo1 | LEVEL 2 |
| Violations | No photo recorded |
| | No violations recorded. |
| Boiler Feedwater Treatment(Automatic) | |
| Instance on Basement | Inspected |
| Condition | Inspected |
| Deficiency | 1 - Good |
| | No deficiencies recorded |
| Boiler Flue Exhaust | |
| Instance on Basement | Inspected |
| Condition | Inspected |
| | 3 - Fair |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|--|--------------------------|
| HEATING PLANT | |
| Boiler Auxiliaries | |
| Boiler Flue Exhaust | |
| 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 | 1 - Good |
| 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 |
| Instance Quantity | 12,033 |
| Instance Quantity Uom | MBH Net |
| Cast Iron Boiler? | No |
| Instance Manufacturer | Federal Boiler Company |
| Equipment | 60448-01 |
| Capacity/Size Quantity | 12,033 |
| Capacity/Size UOM | MBH Net |
| Source of Capacity/Size | Documented |
| Installation Year | 1974 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Instance | Boiler Room |
| Instance Condition | 3 - Fair |
| Instance Quantity | 12,033 |
| Instance Quantity Uom | MBH Net |
| Cast Iron Boiler? | No |
| Instance Manufacturer | Federal Boiler Company |
| Equipment | 60448-02 |
| Capacity/Size Quantity | 12,033 |
| Capacity/Size UOM | MBH Net |
| Source of Capacity/Size | Documented |
| Installation Year | 1974 |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|---|--------------------------|
| HEATING PLANT | |
| Boiler System | |
| Steam Boiler | |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Instance | Boiler Room |
| Instance Condition | 3 - Fair |
| Instance Quantity | 12,033 |
| Instance Quantity Uom | MBH Net |
| Cast Iron Boiler? | No |
| Instance Manufacturer | Federal Boiler Company |
| Equipment | 60448-03 |
| Capacity/Size Quantity | 12,033 |
| Capacity/Size UOM | MBH Net |
| Source of Capacity/Size | Documented |
| Installation Year | 1974 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Instance | Boiler Room |
| Instance Condition | 3 - Fair |
| Instance Quantity | 12,033 |
| Instance Quantity Uom | MBH Net |
| Cast Iron Boiler? | No |
| Instance Manufacturer | Federal Boiler Company |
| Equipment | 60448-04 |
| Capacity/Size Quantity | 12,033 |
| Capacity/Size UOM | MBH Net |
| Source of Capacity/Size | Documented |
| Installation Year | 1974 |
| Source of Installation | Documented |
| Deficiency | LEAKY/PLUGGED TUBES |
| Deficiency Quantity | 4 |
| 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. |
| 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 | 1 - Good |
| Deficiency | No deficiencies recorded |
| Burner/Burner Control Panel | |
| Instance on Basement | Inspected |
| Condition | 1 - Good |
| Deficiency | No deficiencies recorded |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|---|-----------------------------------|
| HEATING PLANT | |
| Fuel System | |
| 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 Rooms AM2, 149A, M340, 349A, 449A | Inspected |
| Dedicated A/C Equipment | |
| Instance on Rooms AM2, 149A, M340, 349A, 449A | Inspected |
| Condition | 4 - Between Fair and Poor |
| Deficiency | DOES NOT EXIST |
| Deficiency Location/Instance | Rooms AM2, 149A, M340, 349A, 449A |
| Deficiency Quantity | 5 |
| 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 | |
| Instance on 1st Floor | Inspected |
| CO Detector | |
| Instance on 1st Floor | Not Required |
| Gas System | |
| Instance on 1st Floor | Does not Exist |
| Grease Trap | |
| Instance on 1st Floor | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Hood | |
| Instance on 1st Floor | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Hood Exhaust Ductwork | |
| Instance on 1st Floor | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Hood Exhaust Fan | |
| Instance on 1st Floor | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Hood Fire Suppression System | |
| Instance on 1st Floor | Does not Exist |
| Hot Water Temperature Booster | |
| Instance on 1st Floor | Does not Exist |
| Kitchen Sink | |
| Instance on 1st Floor | Inspected |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|--|-------------------------------|
| KITCHEN | |
| Kitchen Sink | |
| Condition | 3 - Fair |
| Deficiency | MISSING AIR GAP |
| Deficiency Location/Instance | Kitchen |
| 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. |
| MDF Room | |
| Instance on Room 102B | Inspected |
| Dedicated A/C Equipment | |
| Instance on Room 102B | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| SCIENCE DEMO ROOM | |
| Instance on Rooms 362, 364, 366, 387, 450, 452 | Inspected |
| Alternative use | No |
| Instance on Rooms 382, 386, 387, 483, 486 | Inspected |
| Alternative use | No |
| Acid Waste Neutralizing Tank | |
| Instance on Rooms 382, 386, 387, 483, 486 | Does not Exist |
| Instance on Rooms 362, 364, 366, 387, 450, 452 | Does not Exist |
| CO Detector | |
| Instance on Rooms 382, 386, 387, 483, 486 | Inspected |
| Condition | 4 - Between Fair and Poor |
| Deficiency | DEFECTIVE/MISSING |
| Deficiency Location/Instance | Rooms 382, 386, 387, 483, 486 |
| Deficiency Quantity | 5 |
| 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. |
| Instance on Rooms 362, 364, 366, 387, 450, 452 | Not Required |
| Emergency Shower | |
| Instance on Rooms 382, 386, 387, 483, 486 | Does not Exist |
| Instance on Rooms 362, 364, 366, 387, 450, 452 | Does not Exist |
| Eye Wash | |
| Instance on Rooms 382, 386, 387, 483, 486 | Does not Exist |
| Instance on Rooms 362, 364, 366, 387, 450, 452 | Does not Exist |
| Hood Exhaust Ductwork | |
| Instance on Rooms 382, 386, 387, 483, 486 | Does not Exist |
| Instance on Rooms 362, 364, 366, 387, 450, 452 | Does not Exist |
| Hood Exhaust Fan | |
| Instance on Rooms 382, 386, 387, 483, 486 | Does not Exist |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|--|---------------------------|
| SCIENCE DEMO ROOM | |
| Hood Exhaust Fan | Does not Exist |
| Instance on Rooms 382, 386, 387, 483, 486 | Does not Exist |
| Instance on Rooms 362, 364, 366, 387, 450, 452 | Does not Exist |
| Fixed Laboratory Hood | Does not Exist |
| Instance on Rooms 382, 386, 387, 483, 486 | Does not Exist |
| Instance on Rooms 362, 364, 366, 387, 450, 452 | Does not Exist |
| Laboratory Sink | Inspected |
| Instance on Rooms 382, 386, 387, 483, 486 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Instance on Rooms 362, 364, 366, 387, 450, 452 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Make-up Air Unit | Does not Exist |
| Instance on Rooms 382, 386, 387, 483, 486 | Does not Exist |
| Instance on Rooms 362, 364, 366, 387, 450, 452 | Does not Exist |
| SCIENCE LAB | Inspected |
| Instance on Room 288 | Inspected |
| Alternative use | Yes |
| Instance on Room 388 | Inspected |
| Alternative use | No |
| Instance on Room 481 | Inspected |
| Alternative use | No |
| Instance on Room 487 | Inspected |
| Alternative use | No |
| Instance on Rooms 391, 399, 499 | Inspected |
| Alternative use | No |
| Acid Waste Neutralizing Tank | Does not Exist |
| Instance on Rooms 391, 399, 499 | Does not Exist |
| Instance on Room 487 | Does not Exist |
| Instance on Room 481 | Does not Exist |
| Instance on Room 388 | Does not Exist |
| Instance on Room 288 | Does not Exist |
| CO Detector | Inspected |
| Instance on Rooms 391, 399, 499 | Inspected |
| Condition | 4 - Between Fair and Poor |
| Deficiency | DEFECTIVE/MISSING |
| Deficiency Location/Instance | Rooms 391, 399, 499 |
| Deficiency Quantity | 3 |
| 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. |
| Instance on Room 487 | Inspected |
| Condition | 4 - Between Fair and Poor |
| Deficiency | DEFECTIVE/MISSING |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|---------------------------------|---------------------------|
| SCIENCE LAB | |
| CO Detector | |
| Deficiency Location/Instance | Room 487 |
| 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. |
| Instance on Room 481 | Inspected |
| Condition | 4 - Between Fair and Poor |
| Deficiency | DEFECTIVE/MISSING |
| Deficiency Location/Instance | Room 481 |
| 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. |
| Instance on Room 388 | Inspected |
| Condition | 4 - Between Fair and Poor |
| Deficiency | DEFECTIVE/MISSING |
| Deficiency Location/Instance | Room 388 |
| 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. |
| Instance on Room 288 | Not Required |
| Emergency Shower | |
| Instance on Rooms 391, 399, 499 | Does not Exist |
| Instance on Room 487 | Does not Exist |
| Instance on Room 481 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 388 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 288 | Does not Exist |
| Eye Wash | |
| Instance on Rooms 391, 399, 499 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 487 | Inspected |
| Condition | 2 - Between Good and Fair |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|---------------------------------|---------------------------|
| SCIENCE LAB | |
| Eye Wash | |
| Deficiency | No deficiencies recorded |
| Instance on Room 481 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 388 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 288 | Does not Exist |
| Hood Exhaust Ductwork | |
| Instance on Rooms 391, 399, 499 | Does not Exist |
| Instance on Room 487 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 481 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 388 | Does not Exist |
| Instance on Room 288 | Does not Exist |
| Hood Exhaust Fan | |
| Instance on Rooms 391, 399, 499 | Does not Exist |
| Instance on Room 487 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 481 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 388 | Does not Exist |
| Instance on Room 288 | Does not Exist |
| Fixed Laboratory Hood | |
| Instance on Rooms 391, 399, 499 | Does not Exist |
| Instance on Room 487 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 481 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 388 | Does not Exist |
| Instance on Room 288 | Does not Exist |
| Laboratory Sink | |
| Instance on Rooms 391, 399, 499 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 487 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 481 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|-------------------------------------|---------------------------|
| SCIENCE LAB | |
| Laboratory Sink | |
| Instance on Room 388 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 288 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Make-up Air Unit | |
| Instance on Rooms 391, 399, 499 | Does not Exist |
| Instance on Room 487 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 481 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 388 | Does not Exist |
| Instance on Room 288 | Does not Exist |
| SCIENCE PREP ROOM | |
| | Inspected |
| Instance on Room 395 | Inspected |
| Alternative use | No |
| Instance on Room 495 | Inspected |
| Alternative use | No |
| Instance on Rooms 491, 492 | Inspected |
| Alternative use | No |
| Acid Waste Neutralizing Tank | |
| | Does not Exist |
| Instance on Rooms 491, 492 | Does not Exist |
| Instance on Room 495 | Does not Exist |
| Instance on Room 395 | Does not Exist |
| CO Detector | |
| | Inspected |
| Instance on Rooms 491, 492 | Inspected |
| Condition | 4 - Between Fair and Poor |
| Deficiency | DEFECTIVE/MISSING |
| Deficiency Location/Instance | Rooms 491, 492 |
| Deficiency Quantity | 2 |
| 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. |
| Instance on Room 495 | Inspected |
| Condition | 4 - Between Fair and Poor |
| Deficiency | DEFECTIVE/MISSING |
| Deficiency Location/Instance | Room 495 |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | MAINTENANCE |
| Urgency of Action | PRIORITY 5 |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|------------------------------|---------------------------|
| SCIENCE PREP ROOM | |
| CO Detector | |
| Purpose of Action | LEVEL 6 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| Instance on Room 395 | Inspected |
| Condition | 4 - Between Fair and Poor |
| Deficiency | DEFECTIVE/MISSING |
| Deficiency Location/Instance | Room 395 |
| 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. |
| Emergency Shower | |
| Instance on Rooms 491, 492 | Does not Exist |
| Instance on Room 495 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 395 | Does not Exist |
| Eye Wash | |
| Instance on Rooms 491, 492 | Does not Exist |
| Instance on Room 495 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 395 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Hood Exhaust Ductwork | |
| Instance on Rooms 491, 492 | Does not Exist |
| Instance on Room 495 | Does not Exist |
| Instance on Room 395 | Does not Exist |
| Hood Exhaust Fan | |
| Instance on Rooms 491, 492 | Does not Exist |
| Instance on Room 495 | Does not Exist |
| Instance on Room 395 | Does not Exist |
| Fixed Laboratory Hood | |
| Instance on Rooms 491, 492 | Does not Exist |
| Instance on Room 495 | Does not Exist |
| Instance on Room 395 | Does not Exist |
| Laboratory Sink | |
| Instance on Rooms 491, 492 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 495 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|---|---------------------------|
| SCIENCE PREP ROOM | |
| Laboratory Sink | Inspected |
| Instance on Room 395 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Make-up Air Unit | Does not Exist |
| Instance on Rooms 491, 492 | Does not Exist |
| Instance on Room 495 | Does not Exist |
| Instance on Room 395 | Does not Exist |
| SPRINKLERS, STANDPIPE, FIRE SYSTEM | |
| Dry Sprinkler Alarm Valve Assembly | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Wet Sprinkler Alarm Valve Assembly | Does not Exist |
| 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 | Rooms 154, 301, 347B, 420 |
| Deficiency Quantity | 12 |
| 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 | Inspected |
| Hose Valve Assembly | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Piping | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| 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 | 26-50 |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Heating And Ventilating Unit | Inspected |

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K525

| Question | Response |
|---|-----------------------------|
| VENTILATION | |
| Heating And Ventilating Unit | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Metal Ductwork | Inspected |
| Are there any uninsulated ductwork by design in Mechanical Rooms? | Yes |
| Are there chain operated dampers? | No |
| Condition | 3 - Fair |
| Deficiency | DAMAGED FLEXIBLE CONNECTION |
| Deficiency Location/Instance | Roof |
| 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. |
| Supply Fan | Does not Exist |
| Unit Ventilator | Does not Exist |