

**NYC Department of Education
Building Condition Assessment Survey 2020-2021**

Mechanical Inspection

R096

School: **3K CENTER @ 2040 FOREST AVENUE - STATEN ISLAND, 2040 FOREST AVENUE, STATEN ISLAND, NY, 10303**

| InspectionId | Inspection Type | Time In | Last Edited |
|--------------|-----------------|--------------------|--------------------|
| 2836 | MECHANICAL | 2021-02-12 01:22PM | 2021-04-27 02:25PM |

Asset Data

| Question | Answer |
|---|--------------------|
| Have any Systems/Major Building Components been upgraded? | No System Upgraded |
| Are there fuel tanks? | No |
| Total # of water main service entries to the asset | 2 |
| MERs/Fan Rooms Locations | None |
| Are there any Emergency Stop Switches with Missing Hammers? | No components |

Priority Condition

| Exist Last Year? | Priority Category | Condition Description | Component Affected | Location Description | Person(s) Notified | Person(s) Title | Photo Image |
|------------------|--------------------|-----------------------|--------------------|----------------------|--------------------|-----------------|-------------|
| 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 |
| Dry Cooler | 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 |
| Packaged / Rooftop Unit | Inspected |
| Instance | Roof |
| Instance Condition | 1- Good |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Manufacturer | Daikin |
| EquipmentId | RTU-1 |
| Capacity/Size Quantity | 40 |
| Capacity/Size UOM | Tons |
| Source of Capacity/Size | Documented |
| Installation Year | 2020 |
| Source of Installation Year | Documented |
| Source of Heating | Gas |
| Deficiency | No deficiencies recorded |
| 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 | Inspected |

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| Question | Response |
|--|--------------------------------------|
| CLIMATE CONTROL SYSTEM | |
| BMS | |
| Instance | Throughout |
| Instance Condition | 1- Good |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Building Area Covered by Operational System | 81-100% |
| Installation Year | 2020 |
| Source of Installation Year | Documented |
| Deficiency | No deficiencies recorded |
| Electric System | Does not exist |
| Hybrid System | Does not exist |
| Pneumatic System | Does not exist |
| COMPACTOR | Does not exist |
| CONVEYING | Does not exist |
| DOMESTIC WATER SYSTEM | Inspected |
| Domestic Cold Water System | Inspected |
| Gravity System | Does not exist |
| Pressure Booster System | Does not exist |
| Water Service | Inspected |
| Instance | Building Exterior - Water Meter Room |
| Instance Condition | 2- Between Good and Fair |
| Instance Quantity | 2 |
| 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 | 1- Good |
| Deficiency | No deficiencies recorded |
| Gas Fired Domestic Water Heater | Does not exist |
| Oil Fired Domestic Water Heater | Does not exist |
| Domestic Water Distribution Piping | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| DRAIN/WASTE/VENT AND STORM SYSTEM | Inspected |
| Interior Storm Piping | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Sewage Ejector Pump | Does not exist |
| Sewage/Waste/Vent Piping | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Sump Pump | Does not exist |
| DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER) | Does not exist |
| Enclosed IDF Room | Does not exist |
| FIXTURES | Inspected |
| Staff And Other | Inspected |
| Janitor Sink | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Lavatory/Sink | Inspected |

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|---|--------------------------|
| FIXTURES | |
| Staff And Other | |
| Lavatory/Sink | |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Toilet | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Urinal | Does not exist |
| Student | Inspected |
| Drinking Fountain | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Lavatory/Sink | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Locker Room Shower | Does not exist |
| Sink And Fountain Combo Unit | Does not exist |
| Toilet | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Urinal | Does not exist |
| GAS FIRED FURNACE | Does not exist |
| GAS SERVICE | Inspected |
| CO/Gas Leak Detection | Does not exist |
| Gas Distribution Piping | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Gas Meter Room Exhaust Fan | Does not exist |
| Gas Meter Room Vent | Does not exist |
| Gas Pressure Booster | Does not exist |
| HEATING | Inspected |
| Heating Coil In Ductwork | Does not exist |
| Hydronic Heating | Does not exist |
| Radiator/Convactor/Fin Tube | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Steam Heating | Does not exist |
| Steam supplied by External Sources | Does not exist |
| Unit Heater/Cabinet Heater | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| HEATING PLANT | Does not exist |
| 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 |
| Instance Condition | 1- Good |
| Deficiency | No deficiencies recorded |

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|---|--------------------------|
| KITCHEN | |
| Hood | |
| Instance on 1st Floor | Inspected |
| Instance Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Hood Exhaust Ductwork | |
| Instance on 1st Floor | Inspected |
| Instance Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Hood Exhaust Fan | |
| Instance on 1st Floor | Inspected |
| Instance Condition | 1- Good |
| 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 |
| Instance Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| MDF Room | |
| Instance on Room 121 | Inspected |
| Dedicated A/C Equipment | |
| Instance on Room 121 | Inspected |
| Instance 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 |
| Fire Booster Pump Assembly | |
| | Does not exist |
| Roof Tank | |
| | Does not exist |
| Siamese Connection | |
| Condition | Inspected |
| Deficiency | 3- Fair |
| | No deficiencies recorded |
| Sprinkler Head | |
| Condition | Inspected |
| Deficiency | 1- Good |
| | No deficiencies recorded |
| Sprinkler Piping | |
| Condition | Inspected |
| Deficiency | 1- Good |
| | No deficiencies recorded |
| Standpipe System | |
| | Does not exist |
| Water Gong | |
| Condition | Inspected |
| Deficiency | 3- Fair |
| | No deficiencies recorded |
| Wet Sprinkler Alarm Valve Assembly | |
| Condition | Inspected |
| Deficiency | 3- Fair |
| | No deficiencies recorded |
| SWIMMING POOL | |
| | Does not exist |
| VENTILATION | |
| | Inspected |
| Exhaust Fan | |
| | Inspected |

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|-------------------------------------|--------------------------|
| VENTILATION | |
| Exhaust Fan | |
| Condition | 1- Good |
| Approximate Total # of Fans | 1-25 |
| Deficiency | No deficiencies recorded |
| Heating And Ventilating Unit | Does not exist |
| Metal Ductwork | Inspected |
| Condition | 1- Good |
| Deficiency | No deficiencies recorded |
| Supply Fan | Does not exist |
| Unit Ventilator | Does not exist |