### Mechanical Inspection

**School:** P.S. 22 - STATEN ISLAND, 1860 FOREST AVENUE, STATEN ISLAND, NY, 10303

**Inspection Type:** Mechanical

<table>
<thead>
<tr>
<th>InspectionId</th>
<th>Time In</th>
<th>Last Edited</th>
</tr>
</thead>
<tbody>
<tr>
<td>2297</td>
<td>2021-01-22 08:40AM</td>
<td>2021-02-11 07:11PM</td>
</tr>
</tbody>
</table>

#### Asset Data

**Question:** Have any Systems/Major Building Components been upgraded?

- **Systems:** Climate Control System - Electric System for Library
  - **Years:** 2010
- **Systems:** MDF Room - Dedicated A/C Equipment (DX Split System)
  - **Years:** 2015
- **Systems:** Fixtures - Toilets, Urinals (~80%)
  - **Years:** 2018
- **Systems:** Supply Fans (2 of 3)
  - **Years:** 2020

**Are there fuel tanks?**

- **Total # of above ground tanks:** 2
- **Total capacity of all above ground tanks in gal.:** 5,275
- **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 MERs/Fan Rooms Locations:**

- Boiler Room Mechanical Area, Basement MER, MER near Gas Meter Room, MER below Gymnasium, Stair "E" - Bulkhead Fan Room

**Are there any Emergency Stop Switches with Missing Hammers?**

**Priority Condition**

<table>
<thead>
<tr>
<th>Exist Last Year?</th>
<th>Priority Category</th>
<th>Condition Description</th>
<th>Component Affected</th>
<th>Location Description</th>
<th>Person(s) Notified</th>
<th>Person(s) Title</th>
<th>Photo Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Defective CO/Gas Leak Detection</td>
<td>Fault Signal At Panels</td>
<td>CO/Gas Leak Detection</td>
<td>Boiler Room, Custodian's Office</td>
<td>Ed Florkiewicz</td>
<td>Fireman</td>
<td><img src="image.png" alt="Image" /></td>
</tr>
</tbody>
</table>

| No               | Defective Boiler Safety Auxiliary | Piping for Pump Control/Low Water Cut-off Combination is leaking | Steam Boiler | Boiler Room / Boiler #1 | Ed Florkiewicz | Fireman |

#### Inspection

**Question**

**Response**

**AIR CONDITIONING**

- **Chilled Water System:** Inspected
- **Absorption Chiller:** Does not exist
- **Air Cooled Chiller:** Does not exist
- **Air Cooled Condenser:** Does not exist
- **Backflow Preventer:** Does not exist
- **Central Station Air Handler**
  - **Instance:** Basement MER
  - **Instance Condition:** 2 - Between Good and Fair
  - **Instance Quantity:** 1
  - **Instance Quantity Uom:** EACH
  - **Manufacturer:** Carrier
<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AIR CONDITIONING</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Chilled Water System</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Central Station Air Handler</strong></td>
<td></td>
</tr>
<tr>
<td>EquipmentId</td>
<td>AHU-1</td>
</tr>
<tr>
<td>Capacity/Size Quantity</td>
<td>7300</td>
</tr>
<tr>
<td>Capacity/Size UOM</td>
<td>CFM</td>
</tr>
<tr>
<td>Source of Capacity/Size</td>
<td>Documented</td>
</tr>
<tr>
<td>Installation Year</td>
<td>2009</td>
</tr>
<tr>
<td>Source of Installation Year</td>
<td>Custodial Staff</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td><strong>Chilled Water Distribution: Piping, Pumps and Auxiliaries</strong></td>
<td>Inspected</td>
</tr>
<tr>
<td>Condition</td>
<td>2- Between Good and Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td><strong>Fan Coil Unit</strong></td>
<td>Does not exist</td>
</tr>
<tr>
<td><strong>Packaged Air Cooled Chiller</strong></td>
<td>Inspected</td>
</tr>
<tr>
<td>Instance</td>
<td>1st Building Addition - Roof</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>2- Between Good and Fair</td>
</tr>
<tr>
<td>Instance Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Instance Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Carrier</td>
</tr>
<tr>
<td>EquipmentId</td>
<td>CH-1</td>
</tr>
<tr>
<td>Capacity/Size Quantity</td>
<td>30</td>
</tr>
<tr>
<td>Capacity/Size UOM</td>
<td>Tons</td>
</tr>
<tr>
<td>Source of Capacity/Size</td>
<td>Documented</td>
</tr>
<tr>
<td>Installation Year</td>
<td>2009</td>
</tr>
<tr>
<td>Source of Installation Year</td>
<td>Custodial Staff</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td><strong>Water Cooled Chiller</strong></td>
<td>Does not exist</td>
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<tr>
<td><strong>Condenser Water Distribution: Piping, Pumps and Auxiliaries</strong></td>
<td>Does not exist</td>
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<tr>
<td><strong>Cooling Coil in Ductwork</strong></td>
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<td><strong>Cooling Tower</strong></td>
<td>Does not exist</td>
</tr>
<tr>
<td><strong>Dry Cooler</strong></td>
<td>Does not exist</td>
</tr>
<tr>
<td><strong>DX Split System</strong></td>
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</tr>
<tr>
<td><strong>Indoor Unit</strong></td>
<td>Inspected</td>
</tr>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>UP TO 5 TONS.DEFECTIVE</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Dry Storage 116 (1 of 2)</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Potential Action</td>
<td>REPAIR</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
<tr>
<td><strong>Outdoor Unit</strong></td>
<td>Inspected</td>
</tr>
<tr>
<td>Condition</td>
<td>2- Between Good and Fair</td>
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<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td><strong>Packaged / Rooftop Unit</strong></td>
<td>Inspected</td>
</tr>
<tr>
<td>Instance</td>
<td>3rd Building Addition - Roof</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Instance Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Instance Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Trane</td>
</tr>
<tr>
<td>EquipmentId</td>
<td>AC-3</td>
</tr>
<tr>
<td>Capacity/Size Quantity</td>
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</tr>
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<td>Response</td>
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<td>----------------------------------</td>
<td>-----------------------------------------------</td>
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<tr>
<td><strong>AIR CONDITIONING</strong></td>
<td></td>
</tr>
<tr>
<td>Packaged / Rooftop Unit</td>
<td></td>
</tr>
<tr>
<td>Source of Capacity/Size</td>
<td>Inspector Estimate</td>
</tr>
<tr>
<td>Installation Year</td>
<td>1999</td>
</tr>
<tr>
<td>Source of Installation Year</td>
<td>Documented</td>
</tr>
<tr>
<td>Source of Heating</td>
<td>Gas</td>
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<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td>Instance</td>
<td>3rd Building Addition - Roof</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Instance Quantity</td>
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</tr>
<tr>
<td>Instance Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Trane</td>
</tr>
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<td>EquipmentId</td>
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<tr>
<td>Source of Capacity/Size</td>
<td>Inspector Estimate</td>
</tr>
<tr>
<td>Installation Year</td>
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<td>Source of Installation Year</td>
<td>Documented</td>
</tr>
<tr>
<td>Source of Heating</td>
<td>Gas</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
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<tr>
<td>Instance</td>
<td>3rd Building Addition - Roof</td>
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<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
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<tr>
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</tr>
<tr>
<td>Manufacturer</td>
<td>Trane</td>
</tr>
<tr>
<td>EquipmentId</td>
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<td>Source of Capacity/Size</td>
<td>Inspector Estimate</td>
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<td>Installation Year</td>
<td>1999</td>
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<tr>
<td>Source of Installation Year</td>
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<td>Source of Heating</td>
<td>Gas</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td>Instance</td>
<td>3rd Building Addition - Roof</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Instance Quantity</td>
<td>2</td>
</tr>
<tr>
<td>Instance Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Trane</td>
</tr>
<tr>
<td>EquipmentId</td>
<td>AC-1-1, AC-1-2</td>
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<td>Capacity/Size UOM</td>
<td>Tons</td>
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<td>Source of Capacity/Size</td>
<td>Inspector Estimate</td>
</tr>
<tr>
<td>Installation Year</td>
<td>1999</td>
</tr>
<tr>
<td>Source of Installation Year</td>
<td>Documented</td>
</tr>
<tr>
<td>Source of Heating</td>
<td>Gas</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
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<tr>
<td>Instance</td>
<td>3rd Building Addition - Roof</td>
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<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Instance Quantity</td>
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</tr>
<tr>
<td>Instance Quantity Uom</td>
<td>EACH</td>
</tr>
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<td>Manufacturer</td>
<td>Trane</td>
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<td>Capacity/Size UOM</td>
<td>Tons</td>
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<tr>
<td>Source of Capacity/Size</td>
<td>Inspector Estimate</td>
</tr>
<tr>
<td>Installation Year</td>
<td>1999</td>
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</tbody>
</table>
### Mechanical Inspection

**AIR CONDITIONING**

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Packaged / Rooftop Unit</strong></td>
<td></td>
</tr>
<tr>
<td>Source of Installation Year</td>
<td>Documented</td>
</tr>
<tr>
<td>Source of Heating</td>
<td>Gas</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td><strong>Packaged Terminal A/C</strong></td>
<td></td>
</tr>
<tr>
<td>Does not exist</td>
<td></td>
</tr>
<tr>
<td><strong>Refrigerant Piping</strong></td>
<td></td>
</tr>
<tr>
<td>Condition</td>
<td>2- Between Good and Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>DAMAGED/MISSING INSULATION</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>2nd Building Addition - Roof, 3rd Building Addition - Roof</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>40</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>L.F.</td>
</tr>
<tr>
<td>Potential Action</td>
<td>MAINTENANCE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
</tbody>
</table>

**Return Fan**

- Does not exist

**CENTRAL ACID WASTE NEUTRALIZING TANK**

- Does not exist

**CLIMATE CONTROL SYSTEM**

**BMS**

<table>
<thead>
<tr>
<th>Instance</th>
<th>3rd Building Addition - Throughout</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Instance Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Instance Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Building Area Covered by Operational System</td>
<td>81-100%</td>
</tr>
<tr>
<td>Installation Year</td>
<td>1999</td>
</tr>
<tr>
<td>Source of Installation Year</td>
<td>Documented</td>
</tr>
<tr>
<td>Deficiency</td>
<td>BEYOND USEFUL LIFE</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>3rd Building Addition - Throughout</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Potential Action</td>
<td>REPLACE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 1</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
</tbody>
</table>

**Electric System**

<table>
<thead>
<tr>
<th>Instance</th>
<th>Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance Condition</td>
<td>2- Between Good and Fair</td>
</tr>
<tr>
<td>Instance Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Instance Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Building Area Covered by Operational System</td>
<td>81-100%</td>
</tr>
</tbody>
</table>

**Hybrid System**

- Does not exist

**Pneumatic System**

<table>
<thead>
<tr>
<th>Instance</th>
<th>Original, 1st Addition, 2nd AdditionBuildings - Throughout except Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Instance Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Instance Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Building Area Covered by Operational System</td>
<td>61-80%</td>
</tr>
</tbody>
</table>

**Deficiency**

- DEFECTIVE TEMPERATURE CONTROL ZONE VALVE Baseline Cafeteria, Basement Boy's Toilet Room, 7
- MAINTENANCE
<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CLIMATE CONTROL SYSTEM</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Pneumatic System</strong></td>
<td></td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
<tr>
<td>Deficiency</td>
<td>DEFECTIVE TEMPERATURE CONTROL THERMOSTAT</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Rooms 111, 209, 218 and other locations</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>20</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Potential Action</td>
<td>MAINTENANCE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
<tr>
<td><strong>COMPACTOR</strong></td>
<td>Does not exist</td>
</tr>
<tr>
<td><strong>CONVEYING</strong></td>
<td></td>
</tr>
<tr>
<td>Ash Hoist</td>
<td>Inspected</td>
</tr>
<tr>
<td>Dumbwaiter</td>
<td>Does not exist</td>
</tr>
<tr>
<td>Elevator</td>
<td>Inspected</td>
</tr>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Are all the existing elevators operable?</td>
<td>Yes</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td>Escalator</td>
<td>Does not exist</td>
</tr>
<tr>
<td>Non-auditorium Handicap Lift - Stair</td>
<td>Does not exist</td>
</tr>
<tr>
<td>Non-auditorium Handicap Lift - Vertical</td>
<td>Does not exist</td>
</tr>
<tr>
<td>Sidewalk Elevator</td>
<td>Does not exist</td>
</tr>
<tr>
<td><strong>DOMESTIC WATER SYSTEM</strong></td>
<td></td>
</tr>
<tr>
<td>Domestic Cold Water System</td>
<td>Inspected</td>
</tr>
<tr>
<td>Gravity System</td>
<td>Does not exist</td>
</tr>
<tr>
<td>Pressure Booster System</td>
<td>Does not exist</td>
</tr>
<tr>
<td>Water Service</td>
<td>Inspected</td>
</tr>
<tr>
<td>Instance</td>
<td>Crawlspace below Gymnasium; School Yard - Sprinkler/Water Meter Room</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>2- Between Good and Fair</td>
</tr>
<tr>
<td>Instance Quantity</td>
<td>2</td>
</tr>
<tr>
<td>Instance Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td>Instance</td>
<td>School Yard - Sprinkler/Water Meter Room</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>5- Poor</td>
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<tr>
<td>Instance Quantity</td>
<td>1</td>
</tr>
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<td>Instance Quantity Uom</td>
<td>EACH</td>
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<tr>
<td>Deficiency</td>
<td>WATER MAIN:DETERIORATED</td>
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<tr>
<td>Deficiency Location/Instance</td>
<td>School Yard - Sprinkler/Water Meter Room / Domestic</td>
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<tr>
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<tr>
<td>Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Potential Action</td>
<td>REPLACE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
<tr>
<td>Domestic Hot Water System</td>
<td>Inspected</td>
</tr>
<tr>
<td>Domestic Hot Water Remote Storage Tank</td>
<td>Does not exist</td>
</tr>
<tr>
<td>Domestic Water Heat Exchanger</td>
<td>Does not exist</td>
</tr>
<tr>
<td>Electric Domestic Water Heater</td>
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</tr>
<tr>
<td>Gas Fired Domestic Water Heater</td>
<td>Inspected</td>
</tr>
<tr>
<td>Instance</td>
<td>Boiler Room Mechanical Area</td>
</tr>
</tbody>
</table>
### DOMESTIC WATER SYSTEM

#### Domestic Hot Water System

**Gas Fired Domestic Water Heater**

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance Condition</td>
<td>4- Between Fair and Poor</td>
</tr>
<tr>
<td>Instance Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Instance Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>PVI</td>
</tr>
<tr>
<td>EquipmentId</td>
<td>N/A</td>
</tr>
<tr>
<td>Capacity/Size Quantity</td>
<td>800</td>
</tr>
<tr>
<td>Capacity/Size UOM</td>
<td>MBH Input</td>
</tr>
<tr>
<td>Capacity/Size 2 Quantity</td>
<td>400</td>
</tr>
<tr>
<td>Capacity/Size 2 UOM</td>
<td>Gallons</td>
</tr>
<tr>
<td>Source of Capacity/Size</td>
<td>Documented</td>
</tr>
<tr>
<td>Installation Year</td>
<td>1999</td>
</tr>
<tr>
<td>Source of Installation Year</td>
<td>Custodial Staff</td>
</tr>
<tr>
<td>Deficiency</td>
<td>DEFECTIVE BURNER</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Boiler Room Mechanical Area</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Potential Action</td>
<td>MAINTENANCE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
</tbody>
</table>

**Oil Fired Domestic Water Heater**

- Does not exist

#### Domestic Water Distribution Piping

- Inspected

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
</tbody>
</table>

#### DRAIN/WASTE/VENT AND STORM SYSTEM

**Interior Storm Piping**

- Inspected

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
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</thead>
<tbody>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
</tbody>
</table>

**Sewage Ejector Pump**

- Does not exist

**Sewage/Waste/Vent Piping**

- Inspected

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
</tbody>
</table>

**Sump Pump**

- Inspected

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
</tbody>
</table>

#### DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)

- Does not exist

**Enclosed IDF Room**

- Inspected

**Dedicated A/C Equipment**

- Inspected

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance Condition</td>
<td>4- Between Fair and Poor</td>
</tr>
<tr>
<td>Deficiency</td>
<td>DOES NOT EXIST</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Room 254</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>1</td>
</tr>
</tbody>
</table>
### Enclosed IDF Room

**Dedicated A/C Equipment**
- **Quantity Uom**: EACH
- **Potential Action**: INSTALL
- **Urgency of Action**: PRIORITY 3
- **Purpose of Action**: LEVEL 2
- **Violations**: No violations recorded

### FIXTURES

**Staff And Other**
- Inspected

**Janitor Sink**
- 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**: Basement Kitchen, 1st Floor Women's Toilet Room
  - **Deficiency Quantity**: 2
  - **Quantity Uom**: EACH
  - **Potential Action**: MAINTENANCE
  - **Urgency of Action**: PRIORITY 3
  - **Purpose of Action**: LEVEL 2
  - **Violations**: No violations recorded

**Toilet**
- Inspected
- **Condition**: 1- Good
- **Deficiency**: No deficiencies recorded

**Urinal**
- Does not exist

**Student**
- Inspected

**Drinking Fountain**
- Inspected
- **Condition**: 3- Fair
- **Deficiency**: DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE, ETC.)
  - **Deficiency Location/Instance**: Basement Cafeteria
  - **Deficiency Quantity**: 1
  - **Quantity Uom**: EACH
  - **Potential Action**: MAINTENANCE
  - **Urgency of Action**: PRIORITY 3
  - **Purpose of Action**: LEVEL 2
  - **Violations**: No violations recorded

**Lavatory/Sink**
- Inspected
- **Condition**: 3- Fair
- **Deficiency**: DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE, ETC.)
  - **Deficiency Location/Instance**: Basement Girl's Toilet Room
  - **Deficiency Quantity**: 1
  - **Quantity Uom**: EACH
  - **Potential Action**: MAINTENANCE
  - **Urgency of Action**: PRIORITY 3
  - **Purpose of Action**: LEVEL 2
  - **Violations**: No violations recorded

**Locker Room Shower**
- Does not exist

**Sink And Fountain Combo Unit**
- Inspected
- **Condition**: 3- Fair
- **Deficiency**: No deficiencies recorded

**Toilet**
- Inspected
### FIXTURES

#### Toilet

<table>
<thead>
<tr>
<th>Condition</th>
<th>1- Good</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deficiency</td>
<td>CRACKED/PHYSICAL DAMAGE</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Toilet Room 122</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Potential Action</td>
<td>REPLACE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
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</tbody>
</table>

#### Urinal

<table>
<thead>
<tr>
<th>Condition</th>
<th>1- Good</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
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</table>

#### GAS FIRED FURNACE

<table>
<thead>
<tr>
<th>Condition</th>
<th>3- Fair</th>
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<tbody>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
</tbody>
</table>

#### GAS SERVICE

<table>
<thead>
<tr>
<th>Inspected</th>
</tr>
</thead>
</table>

#### CO/Gas Leak Detection

<table>
<thead>
<tr>
<th>Inspected</th>
</tr>
</thead>
</table>

| Instance | Basement - Boiler Room, Gas Meter Room |
|-----------|
| Instance Condition | 4- Between Fair and Poor |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Installation Year | 1999 |
| Source of Installation Year | Custodial Staff |
| Deficiency | DEFECTIVE CONTROL PANEL |
| Deficiency Location/Instance | Boiler Room, Custodian's Office |
| Deficiency Quantity | 2 |
| Quantity Uom | EACH |
| Potential Action | REPAIR |
| Urgency of Action | PRIORITY 5 |
| Purpose of Action | LEVEL 6 |
| Violations | No violations recorded |

| Deficiency | BEYOND USEFUL LIFE |
| Deficiency Location/Instance | Basement - Boiler Room, Gas Meter Room |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | REPLACE |
| Urgency of Action | PRIORITY 1 |
| Purpose of Action | LEVEL 2 |
| Violations | No violations recorded |

#### Gas Distribution Piping

<table>
<thead>
<tr>
<th>Inspected</th>
</tr>
</thead>
</table>

| Condition | 2- Between Good and Fair |
|-----------|
| Deficiency | No deficiencies recorded |

#### Gas Meter Room Exhaust Fan

<table>
<thead>
<tr>
<th>Inspected</th>
</tr>
</thead>
</table>

| Condition | 3- Fair |
|-----------|
| Deficiency | No deficiencies recorded |

#### Gas Meter Room Vent

<table>
<thead>
<tr>
<th>Inspected</th>
</tr>
</thead>
</table>

| Condition | 2- Between Good and Fair |
|-----------|
| Deficiency | No deficiencies recorded |

#### Gas Pressure Booster

<table>
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#### HEATING

<table>
<thead>
<tr>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Condition</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Deficiency</td>
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</tr>
<tr>
<td>Question</td>
<td>Response</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td><strong>HEATING</strong></td>
<td></td>
</tr>
<tr>
<td>Heating Coil In Ductwork</td>
<td></td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td>Hydronic Heating</td>
<td></td>
</tr>
<tr>
<td>Does not exist</td>
<td></td>
</tr>
<tr>
<td>Radiator/Convecter/Fin Tube</td>
<td></td>
</tr>
<tr>
<td>Condition 3- Fair</td>
<td></td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td>Steam Heating</td>
<td></td>
</tr>
<tr>
<td>F&amp;T/Steam Drip Trap</td>
<td></td>
</tr>
<tr>
<td>Condition 5- Poor</td>
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</tr>
<tr>
<td>Deficiency</td>
<td>DEFECTIVE/DETERIORATED</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Boiler Room, MERs, Crawlspaces, Basement</td>
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<tr>
<td>Deficiency Quantity</td>
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<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
<tr>
<td>MER Steam and Condensate Piping</td>
<td></td>
</tr>
<tr>
<td>Condition 3- Fair</td>
<td></td>
</tr>
<tr>
<td>Deficiency</td>
<td>DAMAGED/MISSING INSULATION</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>MER below Gymnasium</td>
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<tr>
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<td>Quantity Uom</td>
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<td>Potential Action</td>
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<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
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<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
<tr>
<td>Steam Condensate Return Piping</td>
<td></td>
</tr>
<tr>
<td>Condition 3- Fair</td>
<td></td>
</tr>
<tr>
<td>Deficiency</td>
<td>DAMAGED/MISSING INSULATION</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
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</tr>
<tr>
<td>Deficiency Quantity</td>
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</tr>
<tr>
<td>Quantity Uom</td>
<td>L.F.</td>
</tr>
<tr>
<td>Potential Action</td>
<td>REPLACE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
<tr>
<td>Steam Condensate Return Pumping System</td>
<td></td>
</tr>
<tr>
<td>Condition 3- Fair</td>
<td></td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td>Steam Piping</td>
<td></td>
</tr>
<tr>
<td>Condition 3- Fair</td>
<td></td>
</tr>
<tr>
<td>Deficiency</td>
<td>DAMAGED/MISSING INSULATION</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>1st Floor - Stair &quot;G&quot;</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
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<td>Quantity Uom</td>
<td>L.F.</td>
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<td>Potential Action</td>
<td>REPLACE</td>
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<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
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<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
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</table>
## Mechanical Inspection

### HEATING

#### Steam Heating

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Steam Piping</strong></td>
<td></td>
</tr>
<tr>
<td>Potential Action</td>
<td>REPLACE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
<tr>
<td>Deficiency</td>
<td>DEFECTIVE/LEAKS</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Basement Kitchen; MER below Gymnasium - Storage Room; Stair &quot;E&quot; - Attic</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>30</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>L.F.</td>
</tr>
<tr>
<td>Potential Action</td>
<td>REPLACE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
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<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
</tr>
</tbody>
</table>

#### Terminal Unit Thermostatic Trap

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condition</td>
<td>5- Poor</td>
</tr>
<tr>
<td>Deficiency</td>
<td>DEFECTIVE/DETERIORATED</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Throughout except 3rd Building Addition</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>120</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Potential Action</td>
<td>REPLACE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
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</tbody>
</table>

#### Steam supplied by External Sources

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Heater/Cabinet Heater</td>
<td>Inspected</td>
</tr>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>DEFECTIVE</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>School Yard - Sprinkler/Water Meter Room</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>1</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Potential Action</td>
<td>MAINTENANCE</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 3</td>
</tr>
<tr>
<td>Purpose of Action</td>
<td>LEVEL 2</td>
</tr>
<tr>
<td>Violations</td>
<td>No violations recorded</td>
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</tbody>
</table>

#### HEATING PLANT

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Quantity</td>
<td>4,548</td>
</tr>
<tr>
<td>Replacement Uom</td>
<td>MBH NET</td>
</tr>
<tr>
<td>Instance on Basement</td>
<td>Inspected</td>
</tr>
<tr>
<td>Burner Type</td>
<td>Dual Fuel (Gas/Oil)</td>
</tr>
<tr>
<td>Heating Plant Oil Number</td>
<td>2</td>
</tr>
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</table>

#### Boiler Auxiliaries

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance on Basement</td>
<td>Inspected</td>
</tr>
</tbody>
</table>

#### Boiler Auxiliary Piping

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance on Basement</td>
<td>Inspected</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
</tbody>
</table>

#### Boiler Emergency Stop Switch

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance on Basement</td>
<td>Inspected</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
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</tbody>
</table>

#### Boiler Feedwater System

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance on Basement</td>
<td>Inspected</td>
</tr>
</tbody>
</table>
# Building Condition Assessment Survey 2020-2021

## Mechanical Inspection

### HEATING PLANT

#### Boiler Auxiliaries

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boiler Feedwater System</strong></td>
<td></td>
</tr>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td><strong>Boiler Feedwater Treatment(Automatic)</strong></td>
<td></td>
</tr>
<tr>
<td>Instance on Basement</td>
<td>Inspected</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td><strong>Boiler Flue Exhaust</strong></td>
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<tr>
<td>Instance on Basement</td>
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<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
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<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td><strong>Boiler Make-up Water Backflow Preventer</strong></td>
<td></td>
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<tr>
<td>Instance on Basement</td>
<td>Inspected</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
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<tr>
<td>Deficiency</td>
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</tr>
<tr>
<td><strong>Boiler Room Steam And Condensate Piping</strong></td>
<td></td>
</tr>
<tr>
<td>Instance on Basement</td>
<td>Inspected</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
</tr>
<tr>
<td><strong>Boiler Safety Valve</strong></td>
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</tr>
<tr>
<td>Instance Condition</td>
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</tr>
<tr>
<td>Deficiency</td>
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</tr>
<tr>
<td><strong>Boiler System</strong></td>
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#### Coal-fired Boiler

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#### Hot Water Boiler

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#### Modular Boiler

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#### Steam Boiler

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<td>Instance</td>
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<tr>
<td>Instance Condition</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Instance Quantity U/m</td>
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</tr>
<tr>
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</tr>
<tr>
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<td>Capacity/Size UOM</td>
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**Source:** NYC Department of Education

**Document:** Building Condition Assessment Survey 2020-2021

**Page:** 11

**Print Date:** 6/25/2021

**Mobile Validity Version:** 2.0 (P)
# Mechanical Inspection

## Building Condition Assessment Survey 2020-2021

### HEATING PLANT

#### Boiler System

**Steam Boiler**

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
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<tbody>
<tr>
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<tr>
<td>Instance Quantity Uom</td>
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<td>Installation Year</td>
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**Fuel System**

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**Boiler Fresh Air Louver/Damper**

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**Burner/Burner Control Panel**

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**Fuel Oil Storage/Supply System**

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**Gas Trains And Vent At The Boiler**

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**KITCHEN**

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**CO Detector**

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**Gas System**

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**Grease Trap**

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**Hood**

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<td>Instance on 1st Floor</td>
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<td>Instance Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Question</td>
<td>Response</td>
</tr>
<tr>
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<tr>
<td><strong>KITCHEN</strong></td>
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<td><strong>Hood</strong></td>
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<tr>
<td><strong>Hood Exhaust Ductwork</strong></td>
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<tr>
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<tr>
<td>Instance on 1st Floor</td>
<td>Inspected</td>
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<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
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<tr>
<td>Deficiency</td>
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<tr>
<td><strong>Hood Exhaust Fan</strong></td>
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<td>Instance on 1st Floor</td>
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<tr>
<td>Instance Condition</td>
<td>3- Fair</td>
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<td>Instance Condition</td>
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<td><strong>SPRINKLERS, STANDPIPE, FIRE SYSTEM</strong></td>
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### Mechanical Inspection

<table>
<thead>
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<td><strong>Heating And Ventilating Unit</strong></td>
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<td><strong>Metal Ductwork</strong></td>
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<td>Purpose of Action</td>
<td>LEVEL 2</td>
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