**Mechanical Inspection**

**Building Condition Assessment Survey 2018-2019**

**School:** P.S. 199 - BRONX, 1449 SHAKESPEARE AVENUE, BRONX, NY, 10452

<table>
<thead>
<tr>
<th>InspectionId</th>
<th>Inspection Type</th>
<th>Time In</th>
<th>Last Edited</th>
</tr>
</thead>
<tbody>
<tr>
<td>2486</td>
<td>MECHANICAL</td>
<td>2019-02-15 08:06AM</td>
<td>2019-02-27 05:59PM</td>
</tr>
</tbody>
</table>

**Asset Data**

**Question**

- Have any Systems/Major Building Components been upgraded?
  - Systems: Electric Domestic Water Heater in Kitchen
    - Years: 2016
  - Systems: Climate Control System - Electric System; MDF Room - Dedicated A/C Equipment (DX Split System)
    - Years: 2015
  - Systems: Terminal Unit Thermostatic Traps
    - Years: 2014
  - Systems: F&T/Steam Drip Traps (~90%)
    - Years: 2010
  - Systems: Steam Condensate Return Pumping System
    - Years: 2009
  - Systems: Boilers #1, #2 re-tubed; Gas Fired Domestic Water Heater; Domestic Hot Water Remote Storage Tank; DX Split System and Electric Domestic Water Heater for Clinic; Enclosed IDF Room - Dedicated A/C Equipment (DX Split System)
    - Years: 2017
  - Systems: CO/Gas Leak Detection
    - Years: 2007

- Are there fuel tanks? Yes
  - Total # of above ground tanks 1
  - Total capacity of all above ground tanks in gal. 7,500
  - 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; Boiler Room Mechanical Area

**Priority Condition**

- Are there any Painted/Obstructed Sprinkler Heads? No components
- Are there any Emergency Stop Switches with Missing Hammers? No components

**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**
  - Does not exist

- **Packaged Terminal A/C**
  - Does not exist
# Mechanical Inspection

## NYC Department of Education

### Building Condition Assessment Survey 2018-2019

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
</table>

### AIR CONDITIONING

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

| Return Fan | Does not exist |

### CENTRAL ACID WASTE NEUTRALIZING TANK

| Does not exist |

### CLIMATE CONTROL SYSTEM

| Inspected |

### BMS

| Does not exist |

### Electric System

| Inspected |

<table>
<thead>
<tr>
<th>Instance</th>
<th>Throughout (Heat Timer System)</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>0-20%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Deficiency</th>
<th>DEFECTIVE LOCAL CONTROL PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deficiency Location/Instance</td>
<td>Boiler 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>
</tr>
</tbody>
</table>

### Hybrid System

| Does not exist |

### Pneumatic System

| Inspected |

<table>
<thead>
<tr>
<th>Instance</th>
<th>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>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Deficiency</th>
<th>PNEUMATIC TUBING:DEFECTIVE/LEAKS AIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deficiency Location/Instance</td>
<td>Rooms 452, 455 and other locations</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>60</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>L.F.</td>
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<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>

### COMPACTOR

| Does not exist |

### CONVEYING

| Inspected |

<table>
<thead>
<tr>
<th>Ash Hoist</th>
<th>Inspected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Are all the existing ash hoists operable?</td>
<td>Yes</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
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</table>

<table>
<thead>
<tr>
<th>Dumbwaiter</th>
<th>Does not exist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator</td>
<td>Does not exist</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>
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</table>

### DOMESTIC WATER SYSTEM

| Inspected |

<table>
<thead>
<tr>
<th>Domestic Cold Water System</th>
<th>Inspected</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>
### Mechanical Inspection

#### Domestic Water System

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Domestic Cold Water System</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Water Service</strong></td>
<td></td>
</tr>
<tr>
<td>Instance</td>
<td>Boiler Room, Boiler Room Mechanical Area</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>Deficiency</td>
<td>WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Boiler Room, Boiler Room Mechanical Area</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>2</td>
</tr>
<tr>
<td>Quantity Uom</td>
<td>EACH</td>
</tr>
<tr>
<td>Potential Action</td>
<td>INSTALL</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>

**Domestic Hot Water System**

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Domestic Hot Water Remote Storage Tank</strong></td>
<td>Inspected</td>
</tr>
<tr>
<td>Condition</td>
<td>1- Good</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
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</table>

**Domestic Water Heat Exchanger**

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Domestic Water Heat Exchanger</strong></td>
<td>Inspected</td>
</tr>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>NOT IN USE</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Boiler Room Mechanical Area (1 of 1)</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>NO ACTION</td>
</tr>
<tr>
<td>Urgency of Action</td>
<td>PRIORITY 1</td>
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<tr>
<td>Purpose of Action</td>
<td>LEVEL 1</td>
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<tr>
<td>Violations</td>
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</table>

**Electric Domestic Water Heater**

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electric Domestic Water Heater</strong></td>
<td>Inspected</td>
</tr>
<tr>
<td>Condition</td>
<td>1- Good</td>
</tr>
<tr>
<td>Deficiency</td>
<td>No deficiencies recorded</td>
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</tbody>
</table>

**Gas Fired Domestic Water Heater**

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gas Fired Domestic Water Heater</strong></td>
<td>Inspected</td>
</tr>
<tr>
<td>Instance</td>
<td>Boiler Room</td>
</tr>
<tr>
<td>Instance Condition</td>
<td>1- Good</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>Lochinvar</td>
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<tr>
<td>EquipmentId</td>
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<tr>
<td>Capacity/Size UOM</td>
<td>MBH Input</td>
</tr>
<tr>
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<tr>
<td>Capacity/Size 2 UOM</td>
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<td>Source of Capacity/Size</td>
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<td>Installation Year</td>
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<td>Source of Installation Year</td>
<td>Custodial Staff</td>
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<tr>
<td>Deficiency</td>
<td>DEFECTIVE FRESH AIR LOUVER/DAMPER</td>
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<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>

**Oil Fired Domestic Water Heater**

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Oil Fired Domestic Water Heater</strong></td>
<td>Does not exist</td>
</tr>
</tbody>
</table>
## Mechanical Inspection

### Domestic Water System

**Domestic Water Distribution Piping**
- Condition: 3 - Fair
- Deficiency: DEFECTIVE BACKFLOW PREVENTER
- Deficiency Location/Instance: Room 426K
- Deficiency Quantity: 1
- Quantity Uom: EACH
- Potential Action: MAINTENANCE
- Urgency of Action: PRIORITY 3
- Purpose of Action: LEVEL 2

### Drain/Waste/Vent and Storm System

**Interior Storm Piping**
- Condition: 3 - Fair
- Deficiency: No deficiencies recorded

**Sewage Ejector Pump**
- Condition: 3 - Fair
- Deficiency: No deficiencies recorded

**Sewage/Waste/Vent Piping**
- Condition: 3 - Fair
- Deficiency: No deficiencies recorded

**Sump Pump**
- Condition: 3 - Fair
- Deficiency: No deficiencies recorded

### Dual Temperature System (Chilled and Hot Water)

**Enclosed IDF Room**
- Instance: Inspected
- Dedicated A/C Equipment
  - Instance: Inspected
  - Instance Condition: 1 - Good
  - Deficiency: No deficiencies recorded

### Fixtures

**Staff And Other**
- Condition: 3 - Fair
- Deficiency: No deficiencies recorded

**Janitor Sink**
- Condition: 3 - Fair
- Deficiency: No deficiencies recorded

**Lavatory/Sink**
- Condition: 3 - Fair
- Deficiency: No deficiencies recorded

**Toilet**
- Condition: 3 - Fair
- Deficiency: No deficiencies recorded

**Urinal**
- Does not exist

**Student**
- Condition: 3 - Fair
- Deficiency: No deficiencies recorded

**Drinking Fountain**
- Condition: 3 - Fair
- Deficiency: DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE, ETC.)
- Deficiency Location/Instance: Corridors adjacent to Rooms 202, 462; Corridor adjacent to Boy's Toilet Room 157
- Deficiency Quantity: 3
- Quantity Uom: EACH
- Potential Action: MAINTENANCE
- Urgency of Action: PRIORITY 3
- Purpose of Action: LEVEL 2
- Violations: No violations recorded
<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FIXTURES</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Student</strong></td>
<td></td>
</tr>
<tr>
<td>Lavatory/Sink</td>
<td></td>
</tr>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE, ETC.)</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>4th Floor Boy's Toilet 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>
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</tr>
<tr>
<td>Locker Room Shower</td>
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</tr>
<tr>
<td>Sink And Fountain Combo Unit</td>
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<tr>
<td>Condition</td>
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<td>Toilet</td>
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<td>3- Fair</td>
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<tr>
<td>Deficiency</td>
<td>CRACKED/PHYSICAL DAMAGE</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Gymnasium Student Toilet Room, 4th Floor Girl's Toilet Room</td>
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<td>Deficiency Quantity</td>
<td>2</td>
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<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>
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<td>Violations</td>
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<td>Urinal</td>
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<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
<td>CRACKED/PHYSICAL DAMAGE</td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
<td>Boy's Toilet Room 157, 3rd Floor Boy's Toilet Room</td>
</tr>
<tr>
<td>Deficiency Quantity</td>
<td>2</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>
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</tr>
<tr>
<td><strong>GAS FIRED FURNACE</strong></td>
<td></td>
</tr>
<tr>
<td>GAS SERVICE</td>
<td></td>
</tr>
<tr>
<td>CO/Gas Leak Detection</td>
<td></td>
</tr>
<tr>
<td>Instance</td>
<td>Boiler Room, Gas Meter Room</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>Installation Year</td>
<td>2007</td>
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<td>Source of Installation Year</td>
<td>Inspector Estimate</td>
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<td>Deficiency</td>
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<tr>
<td><strong>Gas Distribution Piping</strong></td>
<td></td>
</tr>
<tr>
<td>Condition</td>
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</tr>
<tr>
<td>Deficiency</td>
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</tr>
<tr>
<td><strong>Gas Meter Room Exhaust Fan</strong></td>
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</tr>
<tr>
<td>Condition</td>
<td>3- Fair</td>
</tr>
<tr>
<td>Deficiency</td>
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</tr>
<tr>
<td><strong>Gas Meter Room Vent</strong></td>
<td></td>
</tr>
<tr>
<td>Condition</td>
<td>2- Between Good and Fair</td>
</tr>
<tr>
<td>Question</td>
<td>Response</td>
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<tr>
<td>--------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>GAS SERVICE</td>
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</tr>
<tr>
<td>Gas Meter Room Vent</td>
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</tr>
<tr>
<td>Gas Pressure Booster</td>
<td>Instance Gas Meter Room</td>
</tr>
<tr>
<td></td>
<td>Instance Condition 3- Fair</td>
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<td>Instance Quantity 1</td>
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<td>Instance Quantity Uom EACH</td>
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<td></td>
<td>Capacity/Size Quantity 18000</td>
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<tr>
<td></td>
<td>Installation Year 1997</td>
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<td>Source of Installation Year Documented</td>
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<tr>
<td></td>
<td>Deficiency No deficiencies recorded</td>
</tr>
<tr>
<td>HEATING</td>
<td>Inspected</td>
</tr>
<tr>
<td>Heating Coil In Ductwork</td>
<td>Inspected</td>
</tr>
<tr>
<td></td>
<td>Condition 3- Fair</td>
</tr>
<tr>
<td></td>
<td>Deficiency DEFECTIVE</td>
</tr>
<tr>
<td></td>
<td>Deficiency Location/Instance Basement MER - Crawlspace</td>
</tr>
<tr>
<td></td>
<td>Deficiency Quantity 1</td>
</tr>
<tr>
<td></td>
<td>Quantity Uom EACH</td>
</tr>
<tr>
<td></td>
<td>Potential Action MAINTENANCE</td>
</tr>
<tr>
<td></td>
<td>Urgency of Action PRIORITY 3</td>
</tr>
<tr>
<td></td>
<td>Purpose of Action LEVEL 2</td>
</tr>
<tr>
<td></td>
<td>Violations No violations recorded</td>
</tr>
<tr>
<td>Hydronic Heating</td>
<td>Does not exist</td>
</tr>
<tr>
<td>Radiator/Convector/Fin Tube</td>
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</tr>
<tr>
<td></td>
<td>Condition 3- Fair</td>
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<tr>
<td></td>
<td>Deficiency AUXILIARY (VALVE, VENT): DEFECTIVE</td>
</tr>
<tr>
<td></td>
<td>Deficiency Location/Instance Corridor adjacent to Women’s Toilet Room 457, Stairs “F”, “G”</td>
</tr>
<tr>
<td></td>
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<tr>
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<td></td>
<td>Potential Action MAINTENANCE</td>
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<tr>
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<td>Urgency of Action PRIORITY 3</td>
</tr>
<tr>
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<td>Purpose of Action LEVEL 2</td>
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<tr>
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</tr>
<tr>
<td>Steam Heating</td>
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</tr>
<tr>
<td>F&amp;T/Steam Drip Trap</td>
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</tr>
<tr>
<td></td>
<td>Condition 2- Between Good and Fair</td>
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<tr>
<td>MER Steam and Condensate Piping</td>
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</tr>
<tr>
<td></td>
<td>Condition 3- Fair</td>
</tr>
<tr>
<td></td>
<td>Deficiency DEFECTIVE/LEAKS</td>
</tr>
<tr>
<td></td>
<td>Deficiency Location/Instance Basement MER - Crawlspace; Boiler Mechanical Area above Auditorium BL and near Gymnasium BL</td>
</tr>
<tr>
<td></td>
<td>Deficiency Quantity 30</td>
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<tr>
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<td>Urgency of Action PRIORITY 3</td>
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<tr>
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<td>Deficiency DEFECTIVE ISOLATION VALVE</td>
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</table>
### Mechanical Inspection

#### Question: HEATING

##### Steam Heating

**MER Steam and Condensate Piping**

<table>
<thead>
<tr>
<th>Deficiency Location/Instance</th>
<th>Basement MER near Play Room BL; Basement MER - Crawlspace; Boiler Room Mechanical Area near Play Room BL #5</th>
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</thead>
<tbody>
<tr>
<td>Deficiency Quantity</td>
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<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>

##### Steam Condensate Return Piping

| Condition                      | 3- Fair                                                                                                     |
| Deficiency                     | DEFECTIVE/LEAKS                                                                                             |
| Deficiency Location/Instance   | Boiler Room Mechanical Area near Gymnasium EF; Room 429, Multi-Purpose Room near Boy’s Toilet Room 157 |
| Deficiency Quantity            | 30                                                                                                          |
| Quantity Uom                   | L.F.                                                                                                        |
| Potential Action               | REPLACE                                                                                                     |
| Urgency of Action              | PRIORITY 3                                                                                                   |
| Purpose of Action              | LEVEL 2                                                                                                     |
| Violations                     | No violations recorded                                                                                       |

##### Steam Condensate Return Pumping System

| Condition                      | 2- Between Good and Fair                                                                                   |
| Deficiency                     | DEFECTIVE PUMP                                                                                             |
| Deficiency Location/Instance   | Boiler Room                                                                                                 |
| Deficiency Quantity            | 2                                                                                                           |
| Quantity Uom                   | EACH                                                                                                        |
| Potential Action               | MAINTENANCE                                                                                                 |
| Urgency of Action              | PRIORITY 3                                                                                                   |
| Purpose of Action              | LEVEL 2                                                                                                     |
| Violations                     | No violations recorded                                                                                       |

##### Steam Piping

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

##### Terminal Unit Thermostatic Trap

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

### Steam supplied by External Sources

- Does not exist
### Mechanical Inspection

#### NYCDoe BCA Survey 2018-2019

**Question** | **Response**
--- | ---
**HEATING**

**Unit Heater/Cabinet Heater**

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

**HEATING PLANT**

- Replacement Quantity: 10,396
- Replacement Uom: MBH NET
  - Instance on Basement: Inspected
  - Burner Type: Dual Fuel (Gas/Oil)
  - Heating Plant Oil Number: 2

**Boiler Auxiliaries**

- Instance on Basement: Inspected

**Boiler Auxiliary Piping**

- Instance on Basement: Inspected
- Instance Condition: 3- Fair
- Deficiency: No deficiencies recorded

**Boiler Emergency Stop Switch**

- Instance on Basement: Inspected
- Instance Condition: 3- Fair
- Deficiency: No deficiencies recorded

**Boiler Feedwater System**

- Instance on Basement: Inspected
- Instance Condition: 3- Fair
- Deficiency: FEEDWATER TANK, DEFECTIVE TANK AUXILIARIES (AUTO FEEDWATER VALVE, LOW LEVEL CUT OFF, ETC)
  - Deficiency Location/Instance: Boiler Room (defective pump control)
  - Deficiency Quantity: 1
  - Quantity Uom: EACH
  - Potential Action: MAINTENANCE
  - Urgency of Action: PRIORITY 3
  - Purpose of Action: LEVEL 2
  - Violations: No violations recorded

**Boiler Feedwater Treatment (Automatic)**

- Instance on Basement: Inspected
- Instance Condition: 4- Between Fair and Poor
- Deficiency: DEFECTIVE
  - Deficiency Location/Instance: Boiler Room
  - Deficiency Quantity: 1
  - Quantity Uom: EACH
  - Potential Action: MAINTENANCE
  - Urgency of Action: PRIORITY 3
  - Purpose of Action: LEVEL 2
  - Violations: No violations recorded

**Boiler Flue Exhaust**

- Instance on Basement: Inspected
- Instance Condition: 3- Fair
- Deficiency: No deficiencies recorded

**Boiler Make-up Water Backflow Preventer**

- Instance on Basement: Inspected
- Instance Condition: 3- Fair
- Deficiency: No deficiencies recorded

**Boiler Room Steam And Condensate Piping**

- Instance on Basement: Inspected
- Instance Condition: 3- Fair
### Mechanical Inspection

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HEATING PLANT</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Boiler Auxiliaries</strong></td>
<td></td>
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<tr>
<td><strong>Boiler Room Steam And Condensate Piping</strong></td>
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</tr>
<tr>
<td>Deficiency</td>
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<td><strong>Boiler Safety Valve</strong></td>
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<tr>
<td>Instance Condition</td>
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<td>Deficiency</td>
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<tr>
<td><strong>Boiler System</strong></td>
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<tr>
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<td><strong>Coal-fired Boiler</strong></td>
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<tr>
<td><strong>Hot Water Boiler</strong></td>
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<td>Instance on Basement</td>
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<tr>
<td><strong>Modular Boiler</strong></td>
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<td>Instance on Basement</td>
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<tr>
<td><strong>Steam Boiler</strong></td>
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<tr>
<td>Instance</td>
<td>Boiler Room</td>
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<td>Instance Condition</td>
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<td>Instance Quantity Uom</td>
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<td>Manufacturer</td>
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<td><strong>Fuel System</strong></td>
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<tr>
<td><strong>Boiler Fresh Air Louver/Damper</strong></td>
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<td>Instance on Basement</td>
<td>Inspected</td>
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<tr>
<td>Instance Condition</td>
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<tr>
<td>Deficiency</td>
<td>DEFECTIVE ACTUATOR</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>
<td>No violations recorded</td>
</tr>
</tbody>
</table>
# Mechanical Inspection

## Building Condition Assessment Survey 2018-2019

### HEATING PLANT

#### Fuel System

**Burner/Burner Control Panel**
- Instance on Basement: Inspected
- Instance Condition: 3 - Fair
- Deficiency: No deficiencies recorded

#### Fuel Oil Storage/Supply System
- Instance on Basement: Inspected
- Instance Condition: 3 - Fair
- Deficiency: No deficiencies recorded

#### Gas Trains And Vent At The Boiler
- Instance on Basement: Inspected
- Instance Condition: 3 - Fair
- Deficiency: No deficiencies recorded

### KITCHEN

**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: 3 - Fair
- Deficiency: No deficiencies recorded

**Hood**
- Instance on 1st Floor: Inspected
- Instance Condition: 3 - Fair
- Deficiency: No deficiencies recorded

**Hood Exhaust Ductwork**
- Instance on 1st Floor: Inspected
- Instance Condition: 3 - Fair
- Deficiency: No deficiencies recorded

**Hood Exhaust Fan**
- Instance on 1st Floor: Inspected
- Instance 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
- Instance Condition: 3 - Fair
- Deficiency: DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE, ETC.)
- Deficiency Location/Instance: Kitchen
- Deficiency Quantity: 1
- Quantity Uom: EACH
- Potential Action: MAINTENANCE
- Urgency of Action: PRIORITY 3
- Purpose of Action: LEVEL 2
- Violations: No violations recorded

### MDF Room
- Instance on Room 355: Inspected
### Mechanical Inspection

#### MDF Room

**Dedicated A/C Equipment**
- Instance on Room 355: 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

**Dry 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**
- Condition: 3- Fair
  - Deficiency: DEFECTIVE/DETERIORATED
  - Deficiency Location/Instance: Basement - Boiler Room Workshop (painted, 1)
  - Deficiency Quantity: 1
  - Quantity Uom: EACH
  - Potential Action: REPLACE
  - Urgency of Action: PRIORITY 5
  - Purpose of Action: LEVEL 6
  - Violations: No violations recorded

**Sprinkler Piping**
- Condition: 3- Fair
  - Deficiency: No deficiencies recorded

**Standpipe System**
- Does not exist

**Water Gong**
- Does not exist

**Wet Sprinkler Alarm Valve Assembly**
- Does not exist

#### SWIMMING POOL

- Does not exist

#### VENTILATION

**Exhaust Fan**
- Condition: 3- Fair
  - Approximate Total # of Fans: 1-25
  - Deficiency: No deficiencies recorded

**Heating And Ventilating Unit**
- Does not exist

**Metal Ductwork**
- Condition: 3- Fair
  - Deficiency: DAMAGED FLEXIBLE CONNECTION
  - Deficiency Location/Instance: Basement MER @ Play Room BL; Boiler Room Mechanical Area @ Gymnasium EF
  - Deficiency Quantity: 2
  - Quantity Uom: EACH
  - Potential Action: REPLACE
  - Urgency of Action: PRIORITY 3
  - Purpose of Action: LEVEL 2
  - Violations: No violations recorded

**Supply Fan**
- Condition: 3- Fair
  - Approximate Total # of Fans: 6-10
  - Deficiency: No deficiencies recorded

**Unit Ventilator**
- Condition: 4- Between Fair and Poor
  - Deficiency: DEFECTIVE MOTOR
<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
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<td>VENTILATION</td>
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</tr>
<tr>
<td>Unit Ventilator</td>
<td></td>
</tr>
<tr>
<td>Deficiency Location/Instance</td>
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</tr>
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<td>MAINTENANCE</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>