### FACILITY CONDITION ASSESSMENT CHECKLIST
Planning & Project Management / Plant Operations & Maintenance

<table>
<thead>
<tr>
<th>Condition</th>
<th>Description</th>
<th>Source Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW</td>
<td>New or like-new condition; no issues to report; no expected failures; Plan 8 to 10 Yrs.</td>
<td>(S) Field Survey</td>
</tr>
<tr>
<td>GOOD</td>
<td>Good condition; no reported issues or concerns; consider replacement 6 to 8 Yrs.</td>
<td>(O) Other - See Comments</td>
</tr>
<tr>
<td>FAIR</td>
<td>Average wear for building age; not new but no issues to report; replace within 4 to 6 Yrs.</td>
<td>(P) Principal Survey (Campus-Wide Assessment)</td>
</tr>
<tr>
<td>POOR</td>
<td>Worn from use - end of expected lifecycle. Replace within 2 to 4 years when funds are available.</td>
<td>(N/A)</td>
</tr>
<tr>
<td>CRITICAL</td>
<td>Extremely worn or damaged; replace in next 2 Yrs.</td>
<td>(S) Site / Civil / Landscape</td>
</tr>
</tbody>
</table>

### Evaluation Considerations
- Age of Component
- Expected Service Life
- Maintenance Records
- Visual Inspection Condition

### Site / Civil / Landscaping

<table>
<thead>
<tr>
<th>Component</th>
<th>Condition</th>
<th>Source</th>
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<tbody>
<tr>
<td>Emergency Vehicle Access</td>
<td>X</td>
<td>X</td>
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<tr>
<td>Access Gates</td>
<td>X</td>
<td>X</td>
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<td></td>
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<td></td>
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<tr>
<td>Perimeter Fencing</td>
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<tr>
<td>Athletic Field / Court Fencing</td>
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<tr>
<td>Equipment / Stormwater Fencing</td>
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<td></td>
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</tr>
<tr>
<td>On-Site Sidewalks / Crosswalks (Erosion)</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Off-Site Sidewalks / Crosswalks</td>
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<td>Paving</td>
<td>X</td>
<td>X</td>
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<td></td>
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<tr>
<td>Bus Driveway (Asphalt / Concrete)</td>
<td>X</td>
<td>X</td>
<td></td>
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<tr>
<td>Student Drop-off (Asphalt / Concrete)</td>
<td>X</td>
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<tr>
<td>Striping / Pavement Markings / Speed Bumps</td>
<td>X</td>
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<tr>
<td>Curbing</td>
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<tr>
<td>On-Site Signage</td>
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</tr>
<tr>
<td>Off-Site Signage</td>
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<td>X</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>Pedestrian Access (ADA &amp; Safety)</td>
<td>X</td>
<td>X</td>
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**Source Code** - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)

**Site / Civil / Landscape**
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<tr>
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<td>5 NEW</td>
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<td>4 GOOD</td>
<td>Good condition; no reported issues or concerns; consider replacement 6 to 8 Yrs.</td>
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<tr>
<td>3 FAIR</td>
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### Landscape

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<td>O</td>
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</tbody>
</table>

#### Landscape

- **a2.1 Exterior Furniture**: X
- **a2.2 Bike Racks / Storage (Safe & Accessible)**: X X
- **a2.3 Irrigation System (Condition or Needed)**: X X
- **a2.4 Landscape Vegetation (Condition & Type)**: X X
- **a2.5 Landscape Walls / Structures**: X
- **a2.6 Trees (Proximity to Bldg.) and Shade Systems**: X X
- **a2.7 Patio Systems (Paver, Brick, etc.)**: X
- **a2.8 Other Amenities**: X
## FACILITY CONDITION ASSESSMENT CHECKLIST

**Planning & Project Management / Plant Operations & Maintenance**

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### Site Facilities

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<thead>
<tr>
<th>Site Facilities</th>
<th>Condition</th>
<th>Source</th>
<th>Comments / Recommended Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>a3.1 Walkway Canopies (freestanding)</td>
<td>X X</td>
<td></td>
<td></td>
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<tr>
<td>a3.2.1 Playground Areas (Ground Mat'l &amp; Edging)</td>
<td>X X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a3.2.2 Equipment (Condition &amp; Safety)</td>
<td>X X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a3.2.3 Fencing (Condition &amp; Safety)</td>
<td>X</td>
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<tr>
<td>a3.2.4 Playground Canopies</td>
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<td></td>
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<tr>
<td>a3.3.1 Fields Softball</td>
<td>X X</td>
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<tr>
<td>a3.3.2 Baseball</td>
<td>X X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a3.3.3 Football / Soccer</td>
<td>X X</td>
<td></td>
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</tr>
<tr>
<td>a3.3.4 Practice</td>
<td>X</td>
<td></td>
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<tr>
<td>a3.3.5 Irrigation</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>a3.4 Scoreboards</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a3.5 Dugouts (Condition &amp; Safety)</td>
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<tr>
<td>a3.6 Athletic Tracks</td>
<td>X X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a3.7 Concessions &amp; Restrooms</td>
<td>X X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a3.8 Tennis Courts</td>
<td>X X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Source Code** - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)
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### Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)

### Site Facilities con't

<table>
<thead>
<tr>
<th>Source Code</th>
<th>Site Facilities</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Basketball Courts</td>
<td>X X</td>
</tr>
<tr>
<td>O</td>
<td>PE Equipment Storage Areas</td>
<td>X X</td>
</tr>
<tr>
<td>P</td>
<td>Pavilion</td>
<td>X</td>
</tr>
<tr>
<td>S</td>
<td>Bleachers</td>
<td>X X X 2013 Bleacher Inspection Report (bi-annual)</td>
</tr>
<tr>
<td>S</td>
<td>Loading Dock</td>
<td>X X</td>
</tr>
<tr>
<td>S</td>
<td>Dumpster (Apron, pad, enclosure)</td>
<td>X</td>
</tr>
<tr>
<td>S</td>
<td>Compactor</td>
<td>X</td>
</tr>
<tr>
<td>S</td>
<td>Outdoor Pools</td>
<td>X Addressed separately</td>
</tr>
<tr>
<td>Source Code</td>
<td>Condition</td>
<td></td>
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<tr>
<td>-------------</td>
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</tr>
<tr>
<td>SITE / CIVIL / LANDSCAPING</td>
<td>S</td>
<td>O</td>
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</tbody>
</table>

### Site Utilities

- **a4.1 Electrical Service**
- **a4.2 Gas Distribution System**
- **a4.3 Sanitary Collection / Septic System**
- **a4.4 Storm Water Management**
- **a4.5 Sports Field Lighting (incl. Bird Deterent Devices)**
- **a4.6 Voice / Data System**
- **a4.7 Water Distribution System (Identify Galvanized)**
- **a4.8 Backflow Preventer**
- **a4.9 Lift Stations**

### Evaluation Considerations

<table>
<thead>
<tr>
<th>Age of Component</th>
<th>Expected Service Life</th>
<th>Maintenance Records</th>
<th>Visual Inspection Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCHOOL NAME</td>
<td>ADDRESS</td>
<td>CAMPUS</td>
<td>SURVEY DATE</td>
</tr>
<tr>
<td>SURVEYOR</td>
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<tr>
<td>Source Code</td>
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<td>COMMENTS / RECOMMENDED ACTION</td>
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<tr>
<td>S</td>
<td>O</td>
<td>P</td>
<td>5</td>
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<tr>
<td>Site Regulatory</td>
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<tr>
<td>a5.1 Natural Resource Protection (Existing)</td>
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<tr>
<td>a5.2 NPDES Compliance (Potential Need)</td>
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<tr>
<td>ADA Compliance</td>
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<tr>
<td>a6.1 Handicap Parking</td>
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<td>a6.2 Passenger loading zones</td>
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<tr>
<td>a6.3 Accessible Entry</td>
<td>X</td>
<td>X</td>
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<tr>
<td>a6.4 Exterior Stairs and railings</td>
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<td>X</td>
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<tr>
<td>a6.5 Exterior Ramps and walks</td>
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<tr>
<td>a6.6 Barrier free route (ROW - Sidewalk to Bldg. Entry)</td>
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<tr>
<td>a6.7 Building Entry</td>
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</tr>
<tr>
<td>Source Code</td>
<td>Condition</td>
<td>Comments / Recommended Action</td>
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</tr>
<tr>
<td>-------------</td>
<td>-----------</td>
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<tr>
<td>1. Structure</td>
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<tr>
<td>1.2 Dampproofing / Dewatering</td>
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<tr>
<td>1.3 Slab on Grade</td>
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<tr>
<td>1.4 Floor Framing</td>
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</table>

### Foundation/Footings

### Columns/Beams/Walls

### Code Deficiencies

- Open Code Issues | X |
### Evaluation Considerations

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<tr>
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<tr>
<td>SchooL NAME</td>
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<td>BUILDING</td>
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### Exterior Building Envelope

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<th>Condition</th>
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<th>CONDITION</th>
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</thead>
<tbody>
<tr>
<td>b3.1 Condition Rating</td>
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</tr>
<tr>
<td>b3.2 Roof Openings (Skylights)</td>
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<tr>
<td>b3.3 Roof Openings (Access)</td>
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</tr>
<tr>
<td>b3.4 Roof Equipment Curbing</td>
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</tr>
<tr>
<td>b3.5 Leakage</td>
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<tr>
<td>b3.6 Ponding Water</td>
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</tr>
<tr>
<td>b3.7 Roof Drains</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>b3.8 Gutters / Downspouts</td>
<td>X X</td>
<td></td>
</tr>
</tbody>
</table>
# FACILITY CONDITION ASSESSMENT CHECKLIST

**Planning & Project Management / Plant Operations & Maintenance**

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<tbody>
<tr>
<td>EXTERIOR BUILDING ENVELOPE</td>
<td>S</td>
<td>O</td>
</tr>
</tbody>
</table>

**Exterior Walls**

- **b4.1 Exterior Finish**
  - X
  - X

- **b4.3 Sealants**
  - X

- **b4.4 Expansion / Control Joints**
  - X

- **b4.5 Thermal Condition**
  - X

- **b4.6 Soffits**
  - X

- **b4.7 General Appearance**
  - X
  - X

**Doors / Windows / Louvers**

- **b5.1 Windows**
  - X
  - X

- **b5.2 Louvers and Vents**
  - X

- **b5.3 Main Entry Doors**
  - X
  - X

- **b5.4 Main Entry Hardware**
  - X

- **b5.5 Other Exterior Doors**
  - X
  - X

- **b5.6 Other Exterior Door Hardware**
  - X

---

Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)

*Exterior Building Envelope*
## FACILITY CONDITION ASSESSMENT CHECKLIST

**Planning & Project Management / Plant Operations & Maintenance**

<table>
<thead>
<tr>
<th>Source Code</th>
<th>Condition</th>
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<th>CONDITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>O</td>
<td>P</td>
<td>5</td>
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<table>
<thead>
<tr>
<th>INTERIOR ELEMENTS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>c1.1</td>
<td>Wall Finishes (Classrooms)</td>
</tr>
<tr>
<td>c1.2</td>
<td>Wall Finishes (Corridors)</td>
</tr>
<tr>
<td>c1.3</td>
<td>Wall Finishes (Restrooms)</td>
</tr>
<tr>
<td>c1.4</td>
<td>Wall Finishes (Others)</td>
</tr>
<tr>
<td>c1.5</td>
<td>Cabinetry</td>
</tr>
<tr>
<td>c1.6</td>
<td>Moveable / Operable Walls</td>
</tr>
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</table>

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<tr>
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<tbody>
<tr>
<td>c2.1</td>
<td>Classroom Door &amp; Frame Condition</td>
</tr>
<tr>
<td>c2.2</td>
<td>Hardware Condition</td>
</tr>
<tr>
<td>c2.3</td>
<td>Hallway Fire Door</td>
</tr>
<tr>
<td>c2.4</td>
<td>Cafe / Concession Security Gates / Roll-up Doors</td>
</tr>
</tbody>
</table>

### Evaluation Considerations

<table>
<thead>
<tr>
<th>Age of Component</th>
<th>Expected Service Life</th>
<th>Maintenance Records</th>
<th>Visual Inspection Condition</th>
</tr>
</thead>
</table>

### Condition Descriptions

- **NEW**: New or like-new condition; no issues to report; no expected failures; Plan 8 to 10 Yrs.
- **GOOD**: Good condition; no reported issues or concerns; consider replacement 6 to 8 Yrs.
- **FAIR**: Average wear for building age; not new but no issues to report; replace within 4 to 6 Yrs.
- **POOR**: Worn from use - end of expected lifecycle. Replace within 2 to 4 years when funds are available.
- **CRITICAL**: Extremely worn or damaged; replace in next 2 Yrs.

### Source Code

- (S) Field Survey
- (O) Other - See Comments
- (P) Principal Survey (Campus-Wide Assessment)
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<td>SCHOOL NAME</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>ADDRESS</td>
<td></td>
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<tr>
<td>BUILDING</td>
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<tr>
<td>SURVEY DATE</td>
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### Interior Elements

<table>
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<tr>
<th>Source Code</th>
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<tr>
<td>INTERIOR ELEMENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drywall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carpet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VCT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tile</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Terrazzo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Terrazzo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wood</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sealed Concrete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
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Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)
### FACILITY CONDITION ASSESSMENT CHECKLIST
#### Planning & Project Management / Plant Operations & Maintenance

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<tr>
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<th>SOURCE</th>
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<th>SURVEYOR</th>
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### NEW
- New or like-new condition: no issues to report; no expected failures; Plan 8 to 10 Yrs.

### GOOD
- Good condition: no reported issues or concerns; consider replacement 6 to 8 Yrs.

### FAIR
- Average wear for building age; not new but no issues to report; replace within 4 to 6 Yrs.

### POOR
- Worn from use - end of expected lifecycle. Replace within 2-4 years when funds are available.

### CRITICAL
- Extremely worn or damaged; replace in next 2 Yrs.

### INTERIOR ELEMENTS

<table>
<thead>
<tr>
<th>Stairs</th>
<th></th>
<th></th>
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<tbody>
<tr>
<td>c5.1</td>
<td>Landing finish</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c5.2</td>
<td>Stair treads</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c5.3</td>
<td>Stair nosings</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c5.4</td>
<td>Handrails</td>
<td>X</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Toilet Rooms</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>c6.1</td>
<td>Restroom Accessories</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c6.2</td>
<td>Toilet Partitions</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c6.3</td>
<td>Screen Partitions</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c6.4</td>
<td>Flooring</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c6.5</td>
<td>Walls</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c6.6</td>
<td>Signage</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c6.7</td>
<td>ADA Accessibility (Large Stall)</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)

Interior Elements
# FACILITY CONDITION ASSESSMENT CHECKLIST

**Planning & Project Management / Plant Operations & Maintenance**

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<th>Condition</th>
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</thead>
<tbody>
<tr>
<td><strong>5</strong> NEW</td>
<td>New or like-new condition; no issues to report; no expected failures; Plan 8 to 10 Yrs.</td>
<td>SCHOOL NAME</td>
<td></td>
</tr>
<tr>
<td><strong>4</strong> GOOD</td>
<td>Good condition; no reported issues or concerns; consider replacement 6 to 8 Yrs.</td>
<td>ADDRESS</td>
<td></td>
</tr>
<tr>
<td><strong>3</strong> FAIR</td>
<td>Average wear for building age; not new but no issues to report; replace within 4 to 6 Yrs.</td>
<td>BUILDING</td>
<td></td>
</tr>
<tr>
<td><strong>2</strong> POOR</td>
<td>Worn from use-end of expected lifecycle. Replace within 2-4 years when funds are available</td>
<td>SURVEY DATE</td>
<td></td>
</tr>
<tr>
<td><strong>1</strong> CRITICAL</td>
<td>Extremely worn or damaged; replace in next 2 Yrs.</td>
<td>SURVEYOR</td>
<td></td>
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## Evaluation Considerations

- **Age of Component**
- **Expected Service Life**
- **Maintenance Records**
- **Visual Inspection Condition**

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<th>Component</th>
<th>Source</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>c7.1 Room (Side Mount or Door Head Mount)</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>c7.2 Directional</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

### Other

<table>
<thead>
<tr>
<th>Component</th>
<th>Source</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>c8.1 Theater &amp; Stage Equip (Rigging)</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c8.2 Theater Curtains</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c8.3 Fixed Auditorium Seating</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c8.4 Gymnasium Athletic Equipment</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c8.5 Student Lockers</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c8.6 PE Lockers</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c8.7 Indoor Pools</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>c8.8 Bleachers</td>
<td>X</td>
<td>X</td>
</tr>
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Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)
### FACILITY CONDITION ASSESSMENT CHECKLIST
### Planning & Project Management / Plant Operations & Maintenance

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<td>5 NEW</td>
<td>New or like-new condition; no issues to report; no expected failures; Plan 8 to 10 Yrs.</td>
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<td></td>
<td></td>
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<td>4 GOOD</td>
<td>Good condition; no reported issues or concerns; consider replacement 6 to 8 Yrs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>3 FAIR</td>
<td>Average wear for building age; not new but no issues to report; replace within 4 to 6 Yrs.</td>
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<td>Worn from use -end of expected lifecycle. Replace within 2-4 years when funds are available</td>
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<td></td>
<td></td>
<td></td>
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<td>1 CRITICAL</td>
<td>Extremely worn or damaged; replace in next 2 Yrs.</td>
<td></td>
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<tbody>
<tr>
<td>S</td>
<td>O</td>
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</table>

#### PLUMBING SYSTEMS

**General**

- **d1.1** Custodial Closets (Mop Sinks) X
- **d1.2** Laboratory Sinks X
- **d1.3** Eyewash / Emerg. Shower (Floor drains / Tepid Water) X
- **d1.4** Showers (Self metering? Shutoff?) X
- **d1.5** Kitchenettes (POU Grease Trap?) X
- **d1.6** Roof Drain Piping (Pipe Coupling Weight? Insulated?) X
- **d1.7** Grease Traps (Indoor/outdoor? Independent study req'd?) X X
- **d1.8** Water Fountains (Self contained water cooler?) X
- **d1.9** Lift Stations / Septic System X
- **d1.10** Dilution Tanks (Science Classrooms) X

Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)

Plumbing Systems
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<td><strong>PLUMBING SYSTEMS</strong></td>
<td>S</td>
</tr>
</tbody>
</table>

**Restrooms**

- d2.1 Water Closets
  - X
- d2.2 Urinals
  - X
- d2.3 Lavatories / Sinks
  - X
- d2.4 ADA Fixture Provisions (heights)
  - X

**Water Distribution**

- d3.1 Supply Piping (any galvanized abv grade?)
  - X
- d3.2 Sanitary Piping
  - X
- d3.3 Water Heaters (Separate from Bldg. Heating / Kitchen?)
  - X
- d3.4 Tanks
  - X
- d3.5 Booster Pumps (Vented interior regulators?)
  - X

**Evaluation Considerations**

- **Age of Component**
- **Expected Service Life**
- **Maintenance Records**
- **Visual Inspection Condition**

**Source Code** - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)

*Plumbing Systems*
# FACILITY CONDITION ASSESSMENT CHECKLIST

## Planning & Project Management / Plant Operations & Maintenance

**Printed:** 3/2/2014 18:11

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<td></td>
<td></td>
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<td>S O P 5 4 3 2 1 N/A</td>
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#### Gas System

- **d4.1** Piping
  - X

- **d4.2** Other (Vented Interior Regulators?)
  - X

- **d4.3** Gas PRV (Proximity to OA intakes?)
  - X

- **d4.4** Science Classroom Emergency Off Switch
  - X

#### Food Service

- **d5.1** SS Sinks
  - X

- **d5.2** Mop Sinks
  - X

- **d5.3** Service to Equipment
  - X

- **d5.4** Dishwasher (Chemical Santizing or 140F water?)
  - X
## FACILITY CONDITION ASSESSMENT CHECKLIST
### Planning & Project Management / Plant Operations & Maintenance

**评价考虑**
- 年龄的组件
- 预期服务寿命
- 维护记录
- 视觉检查条件

### SOURCE
- MECHANICAL SYSTEMS

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<th>Condition</th>
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<th>Comments / Recommended Action</th>
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<tr>
<td>NEW</td>
<td>S O P 5 4 3 2 1 N/A</td>
<td>POM HVAC Assessment Survey</td>
</tr>
<tr>
<td>5 NEW</td>
<td></td>
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<tr>
<td>4 GOOD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 FAIR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 POOR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 CRITICAL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### HVAC Controls
- e1.1 Control System (JCI or Siemens; note Allerton)
  - X X
- e1.2 District Communications (Omissions?)
  - X X
- e1.3.1 Internal Communications (Breakage?)
  - X X
- e1.3.2 Deep information transfer
  - X
- e1.4 Sensor Relevance (Note prevalence of failures)
  - X X X
- e1.5 Actuator Operations (Note prevalence of failures)
  - X X X

### Cooling Plant
- e2.1 Distribution Piping (2 pipe or 4-pipe)
  - X X
- e2.2 Chillers (Age, Refrigerant, Heat Rejection Method)
  - X X
- e2.3.1 Cooling Towers (Age, Materials, VFD, Sufficiency)
  - X X
- e2.3.2 Age & Condition of Tower Fill
  - X X
- e2.4.1 TES Heat Exchanger (Age)
  - X X
- e2.4.2 Ice Storage Tanks (Capacity, LBs)
  - X X
- e2.5.1 Pumps VFD / Sound / Suction Pressure
  - X X

### Evaluation Considerations
- 年龄的组件
- 预期服务寿命
- 维护记录
- 视觉检查条件

### Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)

- Mechanical Systems
## Evaluation Considerations

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<th>DESCRIPTION</th>
<th>SOURCE</th>
<th>CONDITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>e2.5.2</td>
<td>CHW Pump Volute Insulation type (foamglass, Armaflex, phenolic foam, fiberglass, mineral wool)</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>e2.6.1</td>
<td>Plant Piping &amp; Valves (Corroded? Isolation valves?)</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>e2.7.1</td>
<td>Campus Piping &amp; Valves (Corroded? Isolation valves?)</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>e2.7.2</td>
<td>Chilled Water Pipe Insulation &amp; Jacket (Foamglass? Armaflex? Phenolic foam? Fiberglass? Mineral wool?)</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>e2.8</td>
<td>Glycol Make-up Station</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>e2.9</td>
<td>Water Treatment</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>e2.10</td>
<td>Refrigeration Room Monitoring and Ventilation (emergency off switch?)</td>
<td>O</td>
<td>1</td>
</tr>
<tr>
<td>e2.11</td>
<td>Makeup Water: Secondary Backflow Preventer</td>
<td>O</td>
<td>1</td>
</tr>
</tbody>
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Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)

Mechanical Systems
### FACILITY CONDITION ASSESSMENT CHECKLIST

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</table>

#### MECHANICAL SYSTEMS

<table>
<thead>
<tr>
<th>e3.1</th>
<th>Boilers (Age, Fuel Type, Input/Output)</th>
<th>X</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>e4.1</td>
<td>Water Heaters (dedicated or part of bldg htg?)</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>e4.2</td>
<td>Dedicated Heater for Kitchen</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>e4.3</td>
<td>Water Heaters (Age / Fuel Type / Tankless / Capacity)</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>e4.4</td>
<td>Tanks (Age / Size)</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>e4.5</td>
<td>Recirculation Pump (Operating- Yes/No?)</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

**Evaluation Considerations**

- **Age of Component**
- **Expected Service Life**
- **Maintenance Records**
- **Visual Inspection Condition**

**Evaluation Considerations**

- **Age of Component**
- **Expected Service Life**
- **Maintenance Records**
- **Visual Inspection Condition**

#### Domestic Water Heating

<table>
<thead>
<tr>
<th>e3.3</th>
<th>Plant Piping &amp; Valves (Corroded? Isolation Valves?)</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>e3.4</td>
<td>Campus Piping &amp; Valves (Corroded? Isolation Valves?)</td>
<td>X</td>
</tr>
<tr>
<td>e3.5</td>
<td>Water Treatment</td>
<td>X</td>
</tr>
<tr>
<td>e3.6</td>
<td>Boiler Room E-Stop</td>
<td>X</td>
</tr>
<tr>
<td>e3.7</td>
<td>Makeup Water: Secondary Backflow Preventer</td>
<td>X</td>
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</tbody>
</table>

**Source Code** - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)
## FACILITY CONDITION ASSESSMENT CHECKLIST
Planning & Project Management / Plant Operations & Maintenance

### Evaluation Considerations

<table>
<thead>
<tr>
<th>Age of Component</th>
<th>Expected Service Life</th>
<th>Maintenance Records</th>
<th>Visual Inspection Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCHOOL NAME</td>
<td>ADDRESS</td>
<td>BUILDING</td>
<td>SURVEY DATE</td>
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</table>

### MECHANICAL SYSTEMS

#### Dedicated Airside Heating Systems

<table>
<thead>
<tr>
<th>E5.1</th>
<th>Heating-Only Air Handling Units (Age)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E5.2</th>
<th>Duct Furnaces (Fuel, Type, Age, Mission)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X X</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>E5.3</th>
<th>Unit Heaters (Fuel, Type, Age, Mission)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E5.4</th>
<th>Heating-Only Unit Ventilators (year, condition)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X X</td>
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</tbody>
</table>

### Air Distribution

<table>
<thead>
<tr>
<th>E6.1</th>
<th>Outside Air Units (Age, HR Type? ERV? Unitary? VAV?)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X X X</td>
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</table>

<table>
<thead>
<tr>
<th>E6.2</th>
<th>Rooftop ACUs (Age, Gas Heat or Heat Pump)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X X X</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>E6.3</th>
<th>Central Station AHUs (Age, Type/Geometry, VAV?, typ. SAT? dual path unit?)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X X X</td>
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<table>
<thead>
<tr>
<th>E6.4</th>
<th>Ventilation Airflow Monitoring (Last calibrated?)</th>
</tr>
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<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>E6.5</th>
<th>Return Air Path (Plenum? Ducted?)</th>
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<tbody>
<tr>
<td></td>
<td>X X</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>E6.6</th>
<th>Ducting (Material? Internal lining? Fabric? Amendments?)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
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## FACILITY CONDITION ASSESSMENT CHECKLIST
### Planning & Project Management / Plant Operations & Maintenance

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<tr>
<th>SCHOOL NAME</th>
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<th>BUILDING</th>
<th>SURVEY DATE</th>
<th>SURVEYOR</th>
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</table>

<table>
<thead>
<tr>
<th>NEW</th>
<th>GOOD</th>
<th>FAIR</th>
<th>POOR</th>
<th>CRITICAL</th>
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</thead>
<tbody>
<tr>
<td>NEW or like-new condition; no issues to report; no expected failures; Plan 8 to 10 Yrs.</td>
<td>Good condition; no reported issues or concerns; consider replacement 6 to 8 Yrs.</td>
<td>Average wear for building age; not new but no issues to report; replace within 4 to 6 Yrs.</td>
<td>Worn from use - end of expected lifecycle. Replace within 2 4 years when funds are available</td>
<td>Extremely worn or damaged; replace in next 2 Yrs.</td>
</tr>
</tbody>
</table>

### Evaluation Considerations

<table>
<thead>
<tr>
<th>Age of Component</th>
<th>Expected Service Life</th>
<th>Maintenance Records</th>
<th>Visual Inspection Condition</th>
</tr>
</thead>
</table>

### Mechanical Systems

<table>
<thead>
<tr>
<th>MECHANICAL SYSTEMS</th>
<th>COMMENTS / RECOMMENDED ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distributed Air Handling / Air Conditioning</td>
<td>POM HVAC Assessment Survey</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>e7.1 Unit Ventilators</th>
<th>X X</th>
</tr>
</thead>
<tbody>
<tr>
<td>e7.2 Water Source Heat Pumps (Age, Zoning)</td>
<td>X X</td>
</tr>
<tr>
<td>e7.3 Split Systems (Age, Service)</td>
<td>X X</td>
</tr>
<tr>
<td>e7.4 Unitary Systems (Age, Type, Service, Mission)</td>
<td>X X</td>
</tr>
<tr>
<td>e7.5 Bard-type units (Age, Fuel, Type, Mission)</td>
<td>X X</td>
</tr>
<tr>
<td>e7.6 Unit Heaters (fuel, type, year, condition, mission)</td>
<td>X X</td>
</tr>
<tr>
<td>e7.7 Other (Age, Zoning)</td>
<td>X X</td>
</tr>
<tr>
<td>e7.8 Return Air Path (Plenum? Ducted?)</td>
<td>X X</td>
</tr>
<tr>
<td>e7.9 Ducting (Material? Internal lining? Fabric? Amendments?)</td>
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</tbody>
</table>

Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)
<table>
<thead>
<tr>
<th>Evaluation Considerations</th>
<th>MECHANICAL SYSTEMS</th>
<th>SOURCE</th>
<th>CONDITION</th>
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</thead>
<tbody>
<tr>
<td>Age of Component</td>
<td>S O P 5 4 3 2 1 N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expected Service Life</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maintenance Records</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Inspection Condition</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Exhaust Systems**

- **e8.1** Restrooms
  - X X

- **e8.2** Locker Rooms
  - X X

- **e8.3.1** Kitchen
  - **Hood Systems** (Grease or Heat only? Ansl system? Heat sensor start?)
    - X X

- **e8.3.2** Exhaust Fan Outlet height (Is it <40")?
  - X

- **e8.4.1** Science
  - **Room Emergency Exhaust (Operation)**
    - X X

- **e8.4.2** Fume Exhaust (Latest year certified, sash height, manifolded? VAV? fan location)
  - X X

- **e8.4.3** Stack outlet height (is it <10")?
  - X

- **e8.5** Art Kiln
  - **Exhaust Fan / Exhaust Hood**
    - X X

**Refrigeration Systems**

- **e9.1** Freezer Systems (Age, Location, Refrigerant)
  - X X

- **e9.2** Cooler Systems (Age, Location, Refrigerant)
  - X X

- **e9.5** Ice Machine Systems (Age, Location, Refrigerant)
  - X X

*Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)*

**Source Code**:
- **S**: Field Survey
- **O**: Other - See Comments
- **P**: Principal Survey (Campus-Wide Assessment)
### FACILITY CONDITION ASSESSMENT CHECKLIST

#### Planning & Project Management / Plant Operations & Maintenance

**Evaluation Considerations**

<table>
<thead>
<tr>
<th>Source</th>
<th>Condition</th>
<th>Comments / Recommended Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW</strong></td>
<td>New or like-new condition; no issues to report; no expected failures; Plan 8 to 10 Yrs.</td>
<td>SCHOOL NAME</td>
</tr>
<tr>
<td><strong>GOOD</strong></td>
<td>Good condition; no reported issues or concerns; consider replacement 6 to 8 Yrs.</td>
<td>ADDRESS</td>
</tr>
<tr>
<td><strong>FAIR</strong></td>
<td>Average wear for building age; not new but no issues to report; replace within 4 to 6 Yrs.</td>
<td>BUILDING</td>
</tr>
<tr>
<td><strong>POOR</strong></td>
<td>Worn from use -end of expected lifecycle. Replace within 2 to 4 years when funds are available</td>
<td>SURVEY DATE</td>
</tr>
<tr>
<td><strong>CRITICAL</strong></td>
<td>Extremely worn or damaged; replace in next 2 Yrs.</td>
<td>SURVEYOR</td>
</tr>
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</table>

#### MECHANICAL SYSTEMS

<table>
<thead>
<tr>
<th>Source</th>
<th>Condition</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>S</strong></td>
<td><strong>O</strong></td>
<td><strong>P</strong></td>
</tr>
</tbody>
</table>

**Indoor Swimming Pool Systems**

<table>
<thead>
<tr>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>e10.1</strong> Describe System (Make, Age)</td>
<td>X X</td>
</tr>
<tr>
<td>Note Problems in Operation or Capability</td>
<td>X X</td>
</tr>
</tbody>
</table>
## FACILITY CONDITION ASSESSMENT CHECKLIST

### Electrical Systems

<table>
<thead>
<tr>
<th>Source</th>
<th>Condition</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Source Code - (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)</td>
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</table>

### Electrical Supply

<table>
<thead>
<tr>
<th>Task</th>
<th>Source Code</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>f1.1 Service Switchgear</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>f1.2 District-owned Site Transformers</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>f1.3 Identify Multiple Service Feeds (Campus)</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>f1.4 Motor Control Centers</td>
<td>X</td>
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</table>

### Electrical Distribution

<table>
<thead>
<tr>
<th>Task</th>
<th>Source Code</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>f2.1 Equipment</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>f2.2 Panelboards (Condition &amp; Capacity)</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>f2.3 Feeders</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>f2.4 Devices (Switches &amp; Receptacles)</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>f2.5 TSS - Surge Suppression</td>
<td>X</td>
<td></td>
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<tr>
<td>f2.6 Transformers</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>
## Evaluation Considerations

<table>
<thead>
<tr>
<th>Source Code</th>
<th>Condition</th>
<th>COMMENTS / RECOMMENDED ACTION</th>
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</thead>
<tbody>
<tr>
<td>S</td>
<td>O</td>
<td>P</td>
</tr>
</tbody>
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### Electrical Systems

<table>
<thead>
<tr>
<th>Lighting</th>
<th>X</th>
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<tbody>
<tr>
<td>f3.1.1</td>
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<tr>
<td>Room</td>
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<tr>
<td>Classroom (Instructional)</td>
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</tr>
<tr>
<td>f3.1.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corridor / Common Areas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f3.1.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restrooms</td>
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<td>f3.1.4</td>
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<tr>
<td>High Bay Areas</td>
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<tr>
<td>f3.2</td>
<td></td>
<td></td>
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<tr>
<td>Motion Detection Only</td>
<td></td>
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</tr>
<tr>
<td>f3.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency (Condition &amp; Code Compliance)</td>
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</tr>
<tr>
<td>f3.4</td>
<td></td>
<td></td>
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<tr>
<td>Performance Lighting</td>
<td></td>
<td></td>
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<tr>
<td>f3.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exterior Walkway</td>
<td></td>
<td></td>
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<tr>
<td>f3.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exterior Perimeter (Building Mounted)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f3.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lighting Controls (Building Level)</td>
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</tr>
</tbody>
</table>
### FACILITY CONDITION ASSESSMENT CHECKLIST

#### Planning & Project Management / Plant Operations & Maintenance

<table>
<thead>
<tr>
<th>Class</th>
<th>Condition</th>
<th>Description</th>
<th>Age of Component</th>
<th>Expected Service Life</th>
<th>Maintenance Records</th>
<th>Visual Inspection Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW</td>
<td>New or like-new condition; no issues to report; no expected failures; Plan 8 to 10 Yrs.</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>GOOD</td>
<td>Good condition; no reported issues or concerns; consider replacement 6 to 8 Yrs.</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>FAIR</td>
<td>Average wear for building age; not new but no issues to report; replace within 4 to 6 Yrs.</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
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<tr>
<td>POOR</td>
<td>Worn from use -end of expected lifecycle. Replace within 2 to 4 years when funds are available</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>CRITICAL</td>
<td>Extremely worn or damaged; replace in next 2 Yrs.</td>
<td>1</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
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</tbody>
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#### Classrooms Technology

<table>
<thead>
<tr>
<th>Source / Condition</th>
<th>Comments / Recommended Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classroom Technology</td>
<td>X X</td>
</tr>
<tr>
<td>f4.1 Projector / Screen</td>
<td>X X</td>
</tr>
<tr>
<td>f4.2 Document Camera</td>
<td>X X</td>
</tr>
<tr>
<td>f4.3 Audio Enhancements</td>
<td>X X</td>
</tr>
<tr>
<td>f4.4 Student Stations (Data Drops)</td>
<td>X X</td>
</tr>
<tr>
<td>f4.5 Student Stations (Power Drops)</td>
<td>X X</td>
</tr>
</tbody>
</table>

#### Elevator

<table>
<thead>
<tr>
<th>Source / Condition</th>
<th>Comments / Recommended Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator</td>
<td>Kone Service/Assessment Possible??</td>
</tr>
<tr>
<td>f5.1 Machine Room Equipment</td>
<td>X</td>
</tr>
<tr>
<td>f5.2 Interior Cab / Signage / Emerg. Phone</td>
<td>X</td>
</tr>
<tr>
<td>f5.3 Hoistway Pit</td>
<td>X</td>
</tr>
<tr>
<td>f5.4 Hall Fixtures</td>
<td>X</td>
</tr>
<tr>
<td>f5.5 Operating Condition</td>
<td>X</td>
</tr>
<tr>
<td>f5.6 Other</td>
<td>X</td>
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</tbody>
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Planning & Project Management / Plant Operations & Maintenance

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<td></td>
<td></td>
</tr>
<tr>
<td>GOOD</td>
<td>Good condition; no reported issues or concerns; consider replacement 6 to 8 Yrs.</td>
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<td></td>
<td></td>
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<tr>
<td>FAIR</td>
<td>Average wear for building age; not new but no issues to report; replace within 4 to 6 Yrs.</td>
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<table>
<thead>
<tr>
<th>ELECTRICAL SYSTEMS</th>
<th>S</th>
<th>O</th>
<th>P</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
<th>N/A</th>
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</thead>
<tbody>
<tr>
<td>Lightning Protection</td>
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<tr>
<td>Kitchen Equipment Supply</td>
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</tr>
<tr>
<td>Lift Stations (Incl. Portables)</td>
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<tr>
<td>Emergency Generator</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intercom / PA Systems</td>
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**Evaluation Considerations**

- **Age of Component**
- **Expected Service Life**
- **Maintenance Records**
- **Visual Inspection Condition**

**Source Code**

- (S) Field Survey; (O) Other - See Comments; (P) Principal Survey (Campus-Wide Assessment)