# Mobile Equipment Reliability Checklist

<table>
<thead>
<tr>
<th>Equipment Description</th>
<th>Asset Number</th>
<th>Date:</th>
<th>Name</th>
</tr>
</thead>
</table>

## Reliability Observations

The following observation checklist is provided to assist in identifying equipment reliability improvements at your site. When observing an asset look at its function, its location and operation and identify all issues that prevent it running trouble free its entire life. Circle the equipment type and make observations as appropriate. **If the system is working, your observations should align with operator pre-start check lists (current) and with system PM requests/work orders.**

<table>
<thead>
<tr>
<th>Function</th>
<th>Location</th>
<th>Operation</th>
<th>Criteria</th>
<th>Your Observation</th>
<th>Suggested Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Look</td>
<td>Are contents escaping?</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Listen</td>
<td>Odd noises</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Touch (safely)</td>
<td>Odd Vibration, Temp</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Smell</td>
<td>Odd Odours</td>
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</tbody>
</table>

### Equipment Type Observation

#### Truck

- **Cab condition**: Windows, seat, steering, aircon
- **Body Condition**: Critical damage, cracks
- **Induction system (& Exhaust system)**: Emission colour / damage
- **Engine**: Noise – unusual sounds
- **Hydrocarbon leaks**: Engine, transmission, other
- **Tyre Inspections**: Inflation, cracks, debris

#### Loader/ L.T

- **Bucket Condition**: Critical damage / teeth wear & cracks
- **Cab condition**: Windows, seat, steering, aircon
- **Body Condition**: Critical damage, cracking
- **Induction system (& Exhaust system)**: Emission colour / damage – NOX
- **Engine**: Noise – unusual sounds
- **Hydrocarbon leaks**: Engine, transmission, other
- **Tyre Inspections**: Inflation, cracks, debris

#### Shovel

- **Bucket and Boom Condition**: Critical damage / teeth wear & cracks
- **Cab condition**: Windows, seat, steering
- **Body Condition**: Critical damage/ cracking
- **Exhaust system**: Emission colour / damage
- **Engine**: Noise – unusual sounds
- **Hydrocarbon leaks**: Engine, transmission, other

#### Drills

- **Cab condition**: Windows, seat, steering
- **Body & Boom Condition**: Critical damage – Cradle, drifter, knuckle
- **Exhaust system**: Emission colour / damage
- **Engine**: Noise – unusual sounds
- **Hydrocarbon leaks**: Engine, transmission, other

### Personal Actions to Do

<table>
<thead>
<tr>
<th>Task</th>
<th>Due Date</th>
</tr>
</thead>
</table>

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