ChecklistGuro

Automotive Electric Vehicle (EV) Charging Station Maintenance Checklist

Show only Checklist

Display Style
Default

Visual Inspection

Check for physical damage, corrosion, or loose connections.

Station ID

Write something...

Ambient Temperature (°C)

Enter a number...

Overall Condition

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor

Describe Any Visible Damage

Write something...

Evidence of Vandalism?

- [ ] Yes
- [ ] No

Upload Photo of Station

Upload File

Cable and Connector Assessment

Inspect the charging cable for cracks, fraying, or damage. Examine the connector pins for corrosion or bending.

Cable Condition

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor

Connector Pins Condition

- [ ] Clean
- [ ] Slight Corrosion
- [ ] Moderate Corrosion
- [ ] Significant Corrosion

Cable Fraying Length (mm)

Enter a number...

Connector Pin Bending (mm)

Enter a number...

Additional Notes

Write something...

Photos of Damage

Upload File

Display and Interface Functionality

Verify that the display is readable and functioning correctly. Check for any error messages.

Display Readability (Brightness, Contrast)

Write something...

Error Messages Displayed?

- [ ] Yes
- [ ] No

Description of any displayed error messages

Write something...

Brightness Level (if adjustable)

Enter a number...

User Interface Responsiveness

- [ ] Very Responsive
- [ ] Responsive
- [ ] Slightly Lagging
- [ ] Lagging

Last Firmware Update Date

Enter date...

Charging Port Integrity

Ensure the charging port is clean and free from debris. Inspect for any signs of damage or wear.

Describe any visible damage to the charging port (scratches, cracks, etc.)

Write something...

Connector Pin Corrosion Level (0-5, 0=None, 5=Severe)

Enter a number...

Connector Type

- [ ] Type 1 (CHAdeMO)
- [ ] Type 1 (J1772)
- [ ] Type 2 (Mennekes)
- [ ] CCS Combo 1
- [ ] CCS Combo 2
- [ ] Tesla Proprietary

Connector Pin Resistance (Ohms)

Enter a number...

Record any unusual sounds or smells detected at the charging port.

Write something...

Connector Condition

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor

Safety Features Verification

Test the emergency stop button and other safety features to ensure they are operational.

Technician Signature (Emergency Stop Test)

Emergency Stop Activation Time (seconds)

Enter time...

Emergency Stop Button Status

- [ ] Functional
- [ ] Needs Repair

Emergency Stop Button Press Count (for functionality test)

Enter a number...

Power Interlock Functionality Check

- [ ] Pass
- [ ] Fail

Software and Firmware Updates

Check for and install any available software or firmware updates.

Last Update Date

Enter date...

Current Firmware Version

Enter a number...

Update Method

- [ ] Automatic
- [ ] Manual
- [ ] Network Push

Update Notes

Write something...

Success Status

- [ ] Successful
- [ ] Partial Success
- [ ] Failed

Power Supply and Connections

Inspect power supply connections for tightness and corrosion; verify voltage and amperage readings.

Input Voltage (V)

Enter a number...

Output Voltage (V)

Enter a number...

Input Current (A)

Enter a number...

Output Current (A)

Enter a number...

Connection Type

- [ ] Hardwired
- [ ] Plug-in

Connection Status

- [ ] Secure
- [ ] Loose
- [ ] Corroded

Notes on Connection Integrity

Write something...

Environmental Factors

Check for signs of weather damage (sun, rain, snow, ice) and ensure proper drainage.

Ambient Temperature (°C)

Enter a number...

Relative Humidity (%)

Enter a number...

Exposure to Direct Sunlight

- [ ] No
- [ ] Minimal
- [ ] Moderate
- [ ] Significant

Evidence of Precipitation/Moisture

- [ ] No
- [ ] Minor
- [ ] Moderate
- [ ] Significant

Last Snow/Ice Event

Enter date...

Reporting & Documentation

Record inspection results, maintenance performed, and any issues identified for future reference.

Inspection Date

Enter date...

Inspection Time

Enter time...

Temperature (°C)

Enter a number...

Detailed Observations/Notes

Write something...

Overall Condition

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor

Inspector Signature

Supporting Photos (Optional)

Upload File