

Emergency Generator Test & Inspection Checklist

 Show only Checklist

Display Style
Default 

Pre-Test Inspection

Initial assessment of the generator and surrounding area prior to testing.

Date of Inspection

Enter date...

Time of Inspection

Enter time...



Generator Model Number

Write something...

Generator Serial Number

Write something...

Fuel Level (Gallons/Liters)

Enter a number...

Visual Inspection of Enclosure

- ☐ Good
- ☐ Fair
- ☐ Poor

Check for Obvious Damage or Leaks

- ☐ Yes
- ☐ No

Comments on Pre-Test Conditions (e.g., environmental factors, prior issues)

Write something...

Start-Up and Run Test

Verification of the generator's ability to start and run under load.

Test Start Time

Enter time...

Ambient Temperature (°C)

Enter a number...

Generator Voltage (Initial)

Enter a number...

Generator Frequency (Initial)

Enter a number...

Start Attempt Success (First Attempt)

☐ Yes

☐ No

Time to Startup (Seconds)

Enter a number...

Generator Load (kW)

Generator Voltage (During Run)

Generator Frequency (During Run)

Observations During Run

Load Bank Testing (If Applicable)

Assessment of generator performance under a simulated load, performed with a load bank.

Load Bank Voltage (V)

Load Bank Current (A)

Enter a number...

Generator Voltage (V) at Load

Enter a number...

Generator Frequency (Hz) at Load

Enter a number...

Load Bank Power Output (kW)

Enter a number...

Voltage Dip During Load Application

- ☐ Within Specification
- ☐ Exceeds Specification - Document Details
- ☐ Voltage Sag Present - Investigate

Observations during Load Bank Test

Write something...

Load Acceptance

- ☐ Acceptable
- ☐ Reject - Document Details

Safety Systems & Monitoring

Verification of safety devices and monitoring systems functionality.

Generator Enclosure Inspection - Secure?

- ☐ Yes
- ☐ No
- ☐ N/A

Exhaust System Integrity?

- ☐ Yes
- ☐ No
- ☐ N/A

Exhaust Temperature (During Run)

Enter a number...

Low Oil Level Shutdown Function Test

☐ Passed

☐ Failed

☐ N/A

High Coolant Temperature Shutdown Function Test

☐ Passed

☐ Failed

☐ N/A

Over-Speed Protection Test

☐ Passed

☐ Failed

☐ N/A

Notes on Safety System Performance/Observations

Write something...

Post-Test Inspection

Final assessment and checks following the test procedure.

Generator Runtime (Hours)

Enter a number...

Cooling System Temperature (Degrees)

Enter a number...

Oil Pressure (PSI)

Enter a number...

Overall Condition

☐ Excellent

☐ Good

☐ Fair

☐ Poor

Any Abnormal Noises or Vibrations Observed?

Write something...

Notes/Comments on Post-Test Condition

Write something...

Next Scheduled Test Date

Enter date...

Inspector Signature

Documentation & Record Keeping

Ensuring proper documentation of test results, maintenance performed, and any issues found.

Date of Inspection/Test

Enter date...

Start Time of Test

Enter time...

End Time of Test

Enter time...

Generator Run Time (Hours)

Enter a number...

Test Results Summary

Write something...

Observations/Comments

Write something...

Load Bank Data/Graphs (if applicable)

 Upload File

Overall Status

- ☐ Pass
- ☐ Fail
- ☐ Conditional Pass

Next Scheduled Test Date

Write something...

Inspector Signature