



# Emergency Generator Test & Inspection Checklist

## Pre-Test Inspection

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

**Date of Inspection**

Enter date...

**Time of Inspection**

**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

### 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)

Enter a number...

### Generator Voltage (During Run)

Enter a number...

### Generator Frequency (During Run)

Enter a number...

### Observations During Run

Write something...

# 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)

## Generator Voltage (V) at Load

## Generator Frequency (Hz) at Load

## Load Bank Power Output (kW)

## 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**

**Start Time of Test**

**End Time of Test**


**Generator Run Time (Hours)**

**Test Results Summary**

**Observations/Comments**



**Load Bank Data/Graphs (if applicable)**

 Upload File

**Overall Status**

- ☐ Pass
- ☐ Fail
- ☐ Conditional Pass

**Next Scheduled Test Date**

Write something...

**Inspector Signature**