

# 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)**

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)**

Enter a number...

### 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)

## Cooling System Temperature (Degrees)

## Oil Pressure (PSI)

## 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

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