

Loadbank Test

Date: _____ Location: _____
 Customer: _____ Technician: _____
 Model: _____ Serial #: _____ kW Rating _____
 Voltage: _____ Unit Hours: _____ Rotation: CW CCW

time	Engine		Amps			Voltage	Freq.	%Load	kW	Exhaust Temp
	temp - F	oil - PSI	Leg A	Leg B	Leg C					
Start:										
+15 min										
+30 min										
+45 min										
+1 hr										
+1 hr 15 min										
+1 hr 30 min										
+1 hr 45 min										
+2 hrs										

time	Engine		Amps			Voltage	Freq.	%Load	kW	Exhaust Temp
	temp - F	oil - PSI	Leg A	Leg B	Leg C					
+2 hrs 15 min										
+2 hrs 30 min										
+2 hrs 45 min										
+3 hrs										
+3 hrs 15 min										
+3 hrs 30 min										
+3 hrs 45 min										
+4 hrs										

Passed Failed

1.5-hour annual supplemental loadbank test per NFPA 110, chapter 8.4.2.3, 2010 edition
 Diesel Generators

- Connect the loadbank to the system. The building load **need not** be connected.
- Add load to 50% of the nameplate capacity.
- Run the generator for ½ hour at a minimum of 50% load.
- Then, add load to 75% minimum and run the generator for 1 additional hour.
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Gas Generators

- Gas generators do not require an annual loadbank test. Available building load is all that is needed.