

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

4-hour load test per NFPA 110, chapter 8.4.9, 2010 edition

Diesel Generators

- Connect the loadbank to the system leaving the building load connected.
- Start the EPS using a transfer switch then transfer all transfer switches to the generator.
- Add supplemental load to 30%. Run the EPS for 3 hours at a minimum of 30% load.
- Add load to 75% minimum for the final hour.
- It is OK if the building load exceeds the above load up to 100% of the EPS nameplate rating.

Gas Generators

- Start the EPS using a transfer switch then transfer all transfer switches to the generator. No loadbank is required. Available load is all that is needed.