



Load Bank Test Report

Customer _____

Date: 11/13/2023

1. Autostart Function _____ LOP _____ HWT _____ OS _____ Hz
2. Battery Voltage (running) _____

Job # / Location _____ Warehouse _____
 Brand Cummins
 Model QST30-G5
 Serial 37250849
 Engine QST30-G5 NR2
 KW 1000 kW
 Voltage 480V

Hour reading at start	339.7								Coolant	Ambient		Run
Time	Volts (A-B)	Volts (B - C)	Volts (C - A)	Amps (Phase A)	Amps (Phase B)	Amps (Phase C)	HZ	Oil PSI	Temp. F	Temp. F	kW	Hours
2:10	481	480	481	242	245	245	60	4.2 Bar	158	82.4	202	339.7
	480	481	481	240	243	243	60	4.87 Bar	161.6	82.4	200	339.8
2:20	480	481	481	466	469	469	60	4.81 Bar	163.4	82.4	388	339.9
	481	480	482	463	465	466	60	4.74 Bar	163.4	82.4	384	339.9
2:30	481	482	481	706	706	706	60	4.65 Bar	165.2	82.4	584	340
	482	481	481	703	704	702	60	4.58 Bar	165.2	82.4	582	340.1
2:40	481	482	479	943	945	945	60	4.55 Bar	168.8	82.4	782	340.1
2:50	482	482	481	940	942	941	60	4.43 Bar	176	82.4	780	340.3
3:00	482	481	480	937	941	939	60	4.3 Bar	183.2	82.4	777	340.5
3:10	481	481	481	939	941	941	60	4.25 Bar	186.8	82.4	779	340.7
3:20	482	482	480	939	942	940	60	4.18 Bar	190.4	82.4	778	340.9
3:30	481	482	481	937	940	939	60	4.09 Bar	190.4	82.4	777	341.1
3:40	482	482	480	938	942	941	60	4.02 Bar	190.4	82.4	778	341.3
Hour reading at end	341.3											

Remarks:

- NOTES:
1. Formula to calculate resistive load : kW x 1000 / Volts = single ph amps
 kW x 1000 / Volts / 1.73 = 3 ph amps
 2. Generator was run under load for warm - up approx. 5 - 10 min.
 3. Record all readings every 10 minutes

Technician TS
 Customer/Witness RF