Load Bank Test Report

WOODSTOCK POWER COMPANY

Customer WPC

Date:

1. Autostart Function _____LOP _____HWT _____OS _____Hz
2. Battery Voltage (running) _____

Job # / Location HQ
Brand Cummins
Model QST30
Serial 37250907
Engine QST30-G5
KW 942
Voltage 480V

Hour reading at start	368.6								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**
3:40 PM	480	480	481	227	230	233	60	4.79 Bar	75.9 C	25 C	190	368.6
	480	480	479	227	230	230	60	4.76 Bar	76.2 C	25 C	188	368.7
3:50 PM	480	479	480	457	460	460	60	4.70 Bar	76.5 C	25 C	380	368.8
	481	482	481	457	459	458	60	4.64 Bar	77.1 C	25 C	377	368.9
4:00 PM	481	481	480	700	701	703	60	4.59 Bar	77.6 C	25 C	584	369
	480	482	481	700	700	701	60	4.52 Bar	78.2 C	25 C	579	369.1
4:10 PM	480	480	481	933	931	933	60	4.48 Bar	79.8 C	25 C	772	369.8
4:20 PM	481	481	482	933	933	936	60	4.37 Bar	82.9 C	25 C	776	370
4:30 PM	480	479	481	933	933	934	60	4.33 Bar	83.7 C	25 C	774	370.2
4:40 PM	481	481	482	936	934	939	60	4.31 Bar	83.7 C	25 C	779	370.3
4:50 PM	480	479	480	931	930	934	60	4.32 Bar	83.7 C	25 C	772	370.5
5:00 PM	481	481	482	933	933	936	60	4.34 Bar	83.7 C	25 C	776	370.6
5:10 PM	482	482	481	934	933	936	60	4.33 Bar	83.5 C	25 C	777	370.7
Hour reading at end	370.7											

Remarks: Started test at 25% load, increased to 50% load at 3:50 PM, increased load to 75% at 4 PM, increased load to 100% at 4:10 PM.
Unit performed as expected.

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 PR
Customer/Witness RF