

# LOAD BANK TEST REPORT

CUSTOMER: Central States Diesel Generators     Asset ID: CSDG # 2896     Site: CSDG HQ

Pre-Start up Checks:

<input checked="" type="checkbox"/> 1. Eng. Oil Level	<input checked="" type="checkbox"/> 4. Safety ground connected
<input checked="" type="checkbox"/> 2. Coolant Level	<input checked="" type="checkbox"/> 5. Circuit breaker open (off)
<input checked="" type="checkbox"/> 3. Generator and load bank connected for proper volts	

Test Date: 04/21/21  
 Tested By: Cody Herman  
 Title: TECHNICIAN  
 Tested At: 100%  
 Ambient Temp: 43 Deg F

Engine Mfg: Caterpillar     Package Serial Number: 3512B     KW: 1500  
 Engine Model: 3512B  
 Engine Serial Number: 6WN00676     Control Panel Model: EMCP II+

Engine Safeties - Operational Test and/or Set Points:

Low Oil Pressure: <u>30</u> PSI	Overspeed: <u>2120</u>	RPM: <u>1800</u>
Hi Water Temp: <u>225</u> °F	Hours Before: <u>173</u>	Hours After: <u>174</u>

Test Load/Duration: 1 HR     15 MIN Min. Record Intervals

TIME	VOLTS			AMPS			FREQ HZ	LOAD KW	COOL TEMP °F	Lube Oil	FUEL PRESS	% OF LOAD	Battery Voltage
	1	2	3	1	2	3							
Warm Up	482	481	481	235	239	237	60.0	200	160	79	N/A	13%	27 VDC
9:25AM	485	481	483	1796	1799	1788	60.0	1511	178	73	N/A	101%	27 VDC
9:40AM	485	481	483	1796	1799	1788	60.0	1511	180	68	N/A	101%	27 VDC
9:55AM	485	481	483	1796	1799	1788	60.0	1511	180	66	N/A	101%	27 VDC
10:10AM	485	481	483	1796	1799	1788	60.0	1511	180	65	N/A	101%	27 VDC
10:25AM	485	481	483	1796	1799	1788	60.0	1511	180	65	N/A	101%	27 VDC
Cooldown	482	481	481	0	0	0	60.0	0	172	71	N/A	0%	27 VDC
								0				0%	
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Customer Acceptance: \_\_\_\_\_

By: \_\_\_\_\_                              By: Cody Herman  
 Title: \_\_\_\_\_                              Title: Technician

# Great Lakes Industrial Diesel

4-21-21

CSDG: 2896

## Generator Check list

### Inspection Description

- Yes  No  NA Check coolant level and record freeze protection: Full good to -25 deg. F.
- Yes  No  NA Visual inspection of radiator: No visible issues or performance issues
- Yes  No  NA Visual inspection of radiator hoses: No visible issues
- Yes  No  NA Check condition of coolant hoses: No visible issues
- Yes  No  NA Check condition of fuel hoses: No visible issues
- Yes  No  NA Check condition of engine belts: Good working condition
- Yes  No  NA Batteries and QTY: 4 4D batteries
- Yes  No  NA Battery install date if applicable:
- Yes  No  NA Genset has battery charger: Battery charging alternator
- Yes  No  NA Genset has coolant heater: 2 Jacket water heaters
- Yes  No  NA Check engine oil level: Oil level full
- Yes  No  NA Engine oil filters last changed date and HRS:
- Yes  No  NA Inspect exhaust system for cracks / leaks: No issues with exhaust system
- Yes  No  NA Check rain cap for proper operation: No muffler installed exhaust is covered with steel plates
- Yes  No  NA Generator end is 12 lead reconnectable: 6 wire generator
- Yes  No  NA Generator end has PMG permanent magnet generator: Unit has a PMG