Great Lakes Industrial Diesel

LOAD BANK TEST REPORT

CUSTOMER: Central States Diesel Generators Asset ID: CSDG # 2822										Site:	CSI	CSDG HQ	
Pre-Start up Checks	X 1. EnX 2. CoX 3. Ge	g. Oil Level olant Level enerator and loa ected for proper	ety ground connecte						Cody Herman TECHNICIAN 100%				
Engine Mfg: Caterpillar				Package Serial Number: CCB01315				кw: 400					
Engine Model:		3456											
Engine Serial Number:		7WG02	449		Control Panel Model: EMCP +								
Engine safeties p	rogramme	d to factory d	lefault settin	_	Before:	185	_	Hou	RPM: rs After:		1800 186		
Test Load/Duratio	on: <u>1</u>	HR							15 MIN	Min. Re	cord Inte	ervals	
		VOLTS			AMPS	1	FREQ	LOAD	COOL	Lube	FUEL	% OF	Battery
TIME	1 100	2	3	1	2	3	HZ	KW	TEMP ⊄	Oil	PRESS	LOAD	Voltage
Warm UP	480	480	480	120	121	119	60.0	101	175	74	75 75	25%	27 VDC
8:15AM 8:30AM	482 482	480 480	480 480	486 486	488 488	485 485	60.0	407 407	185 189	70 68	75 75		27 VDC 27 VDC
8:45AM	482	480	480	486	488	485	60.0	407	189	68	75		27 VDC
9:00AM	481	480	480	486	488	485	60.0	407	189	68	75		27 VDC
9:15AM	482	480	480	486	488	485	60.0	407	189	68	75		27 VDC
Cooldown	480	480	480	0	0	0	60.0	0	175	72	75	0%	27 VDC
								0				0%	
								0				0%	
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Customer Accept	ance:												
By:					Ву:	Cod	dy Hermai	1 <u> </u>					
Title:					Title:	Tec	hnician				-		
-											Pa	age 1 of	· 1

Generator Check list

Inspection Description								
$oxtimes$ Yes \Box No \Box NA	Check coolant level and record freeze protection: Good to -34 deg F							
$oxtimes$ Yes \Box No \Box NA	Visual inspection of radiator: No visible issues or performance issues							
$oxtimes$ Yes \Box No \Box NA	Visual inspection of radiator hoses: No visible issues							
$oxtimes$ Yes \Box No \Box NA	Check condition of coolant hoses: No visible issues							
$oxtimes$ Yes \Box No \Box NA	Check condition of fuel hoses: No visible issues							
$oxtimes$ Yes \Box No \Box NA	Check condition of engine belts: Good working condition							
$oxtimes$ Yes \Box No \Box NA	Batteries and QTY: 2 Group 31 batteries in good charged condition							
\square Yes \square No \boxtimes NA	Battery install date if applicable: No install date marked							
\boxtimes Yes \square No \square NA	Genset has battery charger: Frame mounted battery charger							
$oxtimes$ Yes \Box No \Box NA	Genset has coolant heater: Coolant heater is on genset							
\boxtimes Yes \square No \square NA	Check engine oil level: Oil level full							
\boxtimes Yes \square No \square NA	Engine oil filters last changed date and HRS: <u>Last service was 9-22-20</u>							
$oxtimes$ Yes \Box No \Box NA	Inspect exhaust system for cracks / leaks: No issues with exhaust system							
\square Yes \boxtimes No \square NA	Check rain cap for proper operation: No muffler unit has plate bolted to flex							
	Generator end is 12 lead reconnectable: <u>Unit originally was 208 12 lead it is</u>							
currently wired 480VAC								
$oxtimes$ Yes \Box No \Box NA	Generator end has PMG permanent magnet generator: Generator has a PMG							