

	ACCESS		PUBLIC	XGDC-538730969-7411
		X	INTERNAL	
			CONFIDENTIAL	
GENERATOR LOAD TEST REPORT		EFFECTIVE DATE Feb 2, 2024		ISSUE DATE Feb 2, 2024
				VALIDITY DATE Feb 2, 2027

GENERATOR LOAD TEST REPORT										
Project No.		XG23-2861		Client						
Date		Feb 21/2024	Ambient Temp	-7	(°C)	Altitude	715	(M)	Humidity	50%
Purchase Order No.						Engine Speed Rating		1800		
Project Description		Refurbish Package, Rewind Generator end to 600V, Service & Tune-up, Load Test				TXE Rep				
Load Test Duration		4 Hour Load Test				Fuel Gas Pressure		3.5		(PSI)
Gas Meter ID	N/R	Start (1)	N/R	End (1)	N/R	Start (2)	N/R	End (2)	N/R	
PACKAGE DETAILS										
Make		Caterpillar		Engine		3516B		Serial No.		KAD00TBD
Model		XQ1250G		Generator		600V		Serial No.		X21G314716
Coupling		N/A		Gearbox		N/A		Serial No.		N/A
Trailer				VIN		KAD00132				
Battery Voltage		24		Hours Start				Hours End		
Pre-Start Checklist		☐ YES ☐ NO		FLHA		☐ YES ☐ NO		Safety Inspection		☐ YES ☐ NO

Testing		Engine (°C/F)					Generator							
Time	Load Step (kW or %)	JW °	AC °	Oil °	Oil Press	Exh. °	Volts A	Volts B	Volts C	Amps A	Amps B	Amps C	Hz	kW
9:45	Warm Up													
10:15	25	189	172	194	66.3	602	337.6	353.8	348.6	42.3	42.2	42.3	59.94	40
10:30	100	189	172	196	66.3	585	598	607	593	112.4	112.3	112.4	60	117
10:40	325	189	172	196	66.3	566	598	606	595	345.1	345.0	345.2	59.8	350
10:55	400	189	172	198	65.3	66.3	599	607	595	424.5	424.4	424.5	60	429



Testing		Engine (°C/F)					Generator							
Time	Load Step (kW or %)	JW °	AC °	Oil °	Oil Press	Exh. °	Volts A	Volts B	Volts C	Amps A	Amps B	Amps C	Hz	kW
11:17	525	189	173	198	64.8	570	599	607	595	527.4	527.3	527.5	60	532
11:27	625	189	173	198	64.8	600	598	607	594	631.6	631.4	631.5	60	635
11:37	Ramp to 800	190	175	198	64	600	598	607	594	816.6	816.4	816.5	60	816
11:45	895	190	175	199	63.7	602	598	606.9	594.5	895.4	895.5	895.5	60	899
12:00	1026	192	178	201	63.2	201	598	608	599	1024.5	1024.4	1024.5	60	1027
12:10	1200	194	180	201	61.9	603	599	607.5	598	1204.3	1204.2	1204.3	60	1209
12:20	1225	194	180	201	60.9	603	599	607	598	1227.6	1227.5	1227.6	60	1227
12:30	800	190	178	198	64.2	600	599	607	598	804.5	804.4	804.5	60	806
12:50	645	189	178	196	64.5	595	597	607	598	645.4	645.3	645.4	60	650
1:20	400	187	176	196	64.5	580	597	605	598	405.5	405.4	405.4	60	408
1:35	150	186	173	194	64.7	580	598	605	598	163.4	163.3	163.4	60	169
1:45	Cool Down													

Notes

Technician Name _____

Technician Signature _____

Project Manager _____

Supervisor Signature _____