



Generator Set Load Test Report

Date: 1/14/21 WT #: 21522-001
 Engine: CATERPILLAR Model #: C15
 Arr. #: 423-0922 kW @ 1800 RPM
 Voltage: 120/208 Hour Meter Reading: Ø
 PF: 0.8 Rating: STANDBY
 Gen M/N: LCC Regulator:

Time	Coolant Temperature	Oil Pressure	Oil Temp	Base Pressure	Turbo Boost	Fuel PSI	Volts	Amps	Hertz	kW	Engine HP
2:30	185°	67	198		8	98	208	380	60	140	0
2:35	188°	64	198		16	97	208	616	60	222	0
2:45	190°	63	198		19	96	208	761	60	274	0
2:55	192°	61	203		25	96	208	971	60	350	0
3:10	192°	61	200		25	96	208	971	60	350	0
3:20	192°	61	200		25	96	208	971	60	350	0
3:30	192°	60	201		25	96	208	971	60	350	0
3:40	192°	60	200		25	96	208	971	60	350	0
3:45	192°	60	201		25	96	208	971	60	350	0
3:50	192°	60	202		25	96	208	971	60	350	0
4:00	192°	60	201		25	96	208	971	60	350	0

Notes: _____

Load Bank Power Factor is 1.0.

Witnessed By: _____ Load Tested By: EFREN

Video: Yes No



Date: 11/14/21 Serial #: FTE02602

Work Ticket #: 21522-001 Make: CATERPILLAR

Model: C15 Hours: 1.3

Generator Inspection Checklist Initial

Generator Inspection Checklist				Initial	
1	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Check block heater for proper operation 240V	EA
2	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Check coolant level	
3	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Check coolant freeze point and molybdate / nitrite	
4	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection of cooling system for leaks	
5	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Inspect coolant hoses and replace any cracked or brittle	
6	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Inspect belts and replace any cracked or brittle	
7	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Change coolant filters, date and hours on filters	
8	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Check battery charger for proper operation	
9	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Check engine alternator for proper operation	
10	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Test batteries, replace and date if new are installed	
11	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Clean and apply battery terminal protection	
12	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Drain and replace engine oil and filters, date and hours on filters	
13	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection for engine oil leaks	
14	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Replace all fuel filters, date and hours on filters	
15	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Inspect fuel lines and replace any cracked or brittle	
16	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection for fuel leaks	
17	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check fuel tank for cleanliness and fuel condition	
18	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Replace engine air filter, date and hours on filter	
19	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection of engine air intake hoses and piping	
20	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check intake and exhaust louvers for proper operation	
21	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Visual inspection of engine exhaust system for leaks	
22	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check exhaust rain cap for proper operation	
23	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> NA	Check main circuit breaker for proper operation	
24	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Visual inspection of wiring harnesses and enclosures	
25	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	Verify engine and generator metering are functioning and accurate	

Notes: _____

