

Load Bank Test Form

Generator Model: 0ca250551
 Generator Make: MQ
 Generator Serial #: 3836818
 kW: 200
 Asset #: AP4285

Work Order #:
 Technician: F. Lopez
 Date: 8-2-22

Before = 4095.6
 After = 4096.0

Cable	Capacity
2/0	600V/200A/EA
4/0	600V/400A/EA
2/5	600V/100A/EA
6/4	600V/60A/EA
10/5	600V/25A/EA
10/3	600V/25A/EA
#2 banded	600/220A/EA

New Meter = 0.0
 After = 0.8
 Test Results 1.8

Check as Completed

- Select the correct amp rated cables for the generator's full output capacity.
- Select the correct number of cables for the generator's full output capacity.
- Cables should be the same length to ensure resistance is the same in all cables. Short cables will have less resistance, therefore leading to possible cable failure due to heat buildup.
- Cables should be stretched out and not piled upon one another, as this will reduce the amp capacity of the cables, resulting in possible heat buildup.
- Technician should stay with the unit during the entire load test.
- Allow the generator to cool down, with no load, after the load test to keep damage from occurring to turbo, engine and/or generator end.

Time	% of Max	Actual kW	Voltage	Amps L1	Amps L2	Amps L3	Frequency	Coolant Temp	Oil PSI	Ambient Temp
.15	25%	50.00	479.8	480.0	59.67	59.38	60.00	180	50	
.30	50%	104.2	479.6	124.8	124.4	125.0	60.00	185	50	
.45	75%	151.6	481.0	181.2	180.5	182.6	60.00	185	50	
1.0	100%	200.9	480.0	240.4	239.6	242.0	60.00	195	50	
.15	25%	38.92	240.0	94.0	93.0	93.0	60.0	180	50	
.30	50%	72.8	240.0	174.0	173.0	173.0	60.0	185	50	
.45	75%	110.0	239.0	264.0	263.0	263.0	60.0	190	50	
1.0	100%	146.0	239.0	351.0	350.0	350.0	60.0	195	50	

