

Do not let them pencil-whip the paperwork

It is hard to believe, but often “Authorized” service technicians are poorly trained or not trained at all.

“Authorized” does not mean competent.

Here is a load test I picked up from one of my customers. The test is required every 36 months on all generators.

Equipment Information														
		Model #			Serial #			Spec. #						
Generator		60REOZJB			2137045			GM21199-GA17						
Engine		4045TF270E			PE4045T636998									
Switchgear		Hout Meter Readings												
Starting Hours		708.2			Ending Hours			710.60			Date		10/8/2021	

Rated Voltage		KW Rating		Amperage @ 1.0 pf		Phase	
208		62		172.1		3	

Time	Coolant Temp.	Oil Press.	Fuel Level	Voltage			Amperage			Freq. Hz	KW Applied	% of Capacity	TECH	CODY	Comments
				Phase A - B	Phase B - C	Phase A - C	Phase A	Phase B	Phase C						
8:00	100 °F	75	65%	208.0	207.8	207.9	109.9	109.2	110.1	60.0	25.0	40.3%			Load to Min 25%
8:15	175 °F	75	65%	208.0	207.8	207.9	109.9	109.2	110.0	60.0	39.5	63.7%			
8:30	175 °F	70	65%	208.1	207.9	208.0	109.8	109.2	110.0	60.0	39.5	63.7%			
8:45	175 °F	70	65%	208.2	208.0	208.1	109.9	109.2	110.1	60.0	45.0	72.6%			
9:00	175 °F	70	65%	208.2	208.1	208.1	126.3	125.2	126.4	60.0	50.0	80.6%			
9:15	175 °F	70	60%	208.3	208.2	208.3	126.1	125.2	126.4	60.0	50.0	80.6%			
9:30	175 °F	70	60%	208.4	208.3	208.3	126.2	125.2	126.4	60.0	55.0	88.7%			
9:45	175 °F	70	60%	208.4	208.3	208.3	126.2	125.2	126.4	60.0	55.0	88.7%			
10:00	180 °F	70	55%	208.6	208.4	208.5	126.2	125.3	126.5	60.0	55.0	88.7%			Load to Min 85%
10:15	180 °F	70	55%	208.6	208.4	208.5	134.5	133.4	134.7	60.0	55.0	88.7%			
10:30	180 °F	70	53%	208.6	208.4	208.5	134.5	133.4	134.7	60.0	55.0	88.7%			
10:45	180 °F	70	53%	208.7	208.6	208.6	134.5	133.4	134.7	60.0	60.0	96.8%			
11:00	180 °F	70	50%	208.6	208.5	208.6	165.8	164.1	165.6	60.0	60.0	96.8%			
11:00	180 °F	70	50%	208.6	208.5	208.6	165.8	164.1	165.6	60.0	60.0	96.8%			
11:15	180 °F	70	48%	208.7	208.6	208.7	165.5	163.9	165.6	60.0	60.0	96.8%			
11:30	185 °F	60	48%	208.8	208.6	208.7	165.5	163.9	165.7	60.0	55.0	88.7%			
11:45	185 °F	55	48%	208.9	208.7	208.8	165.5	163.9	165.7	60.0	55.0	88.7%			
12:00	185 °F	55	48%	208.9	208.8	208.8	165.5	164.0	165.7	60.0	55.0	88.7%			
12:10	170 °F	55	48%							60.0	25.0	40.3%			Cool Down
12:20	110 °F	55	47%							60.0	0.0	0.0%			Cool Down

Notice the generator hour readings are recorded as start 708.2 and ending at 710.1.

That is a total run time of 2.4 hours.

Notice they began recording readings at 8:00 and finished at 12:20. That is 4 hours 20 minutes.

This is some sort of miracle! This company did a 4-hour load test in 2.4 hours!

You do not have to put up with this. Check their paperwork. They pencil whipped this job and cheated this customer. If his Fire Marshal had been on the ball the customer could have been fined.

This job was done by a big named generator manufacturer’s dealer. They are “Authorized”!

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