

Job Information

Job #:	142226				Date:	April 3, 2020
Priority:	_	Authorized OT:	No	Authorized by:	Terry f	

Customer Information

Name:TVA SouthavenMotor#:

Name Plate Information

Manufacturer:	GE	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	75
Serial#:	Zss512225	Model#:	5ks365ss11	Service Factor:	1.15
Frame:	365TDZ	Rated RPM:	3560	Rated Voltage:	460
Phase:	3	Rated Amps:	88	Cycles:	

Special design: No

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AC Electrical Inspection

Megs at reassem	bly: Good	Surge at reassembl	y: Good	Hi-pot reassembly: Good			
Winding Resista	Winding Resistance Incoming						
	Phases A to B	Phases B to C	Phases C to A	Resistive imbalance			
Outgoing	0.5	0.5	0.5	0.5			
Test Run Inspection Date April 3, 2020							
— I have merged this motor and verified that all electrical tests are complete!							
Power Supply							
		Phase A F	Phase B	Phase C			
No Load Volta	age	460	460	460			
No Load Curr	ent	25.5	26.8	28.6			
Temperatures: (Degrees Fahrenheit)							

Test run ball-bearing motors for 15 minutes.

Test run sleeve bearing motors for 60 minutes.

Temperature rise at the end of test run should be less than 2° every five minutes.

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Test Run Inspection (Continued)

Ambient Temp: 72					
TIME	DE	Degree Change	ODE	Degree Change	
START:	72	0	71	0	
5 MIN:	73	1	73	2	
10 MIN:	74	1	74	1	
15 MIN:	75	1	75	1	
20 MIN:					
25 MIN:					
30 MIN:					
35 MIN:					
40 MIN:					
45 MIN:					
50 MIN:					
55 MIN:					
60 MIN:					

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Test Run Inspection (Continued)

Vibration Data: In./Sec-Peak	(Readings should be less than .08 In/Sec Peak)			
	Horizontal	VDE	Axial	
DE	0.043	0.034	0.011	
ODE	0.034	0.029	0.019	

Magnetic Center Measurements (Only Applies to Sleeve Bearing Motors)

Magnetic Center line distance from shaft shoulder

Magnetic Center line distance from all the way out mark

Magnetic Center line distance from all the way in mark

Total Motor End Float

Additional photos







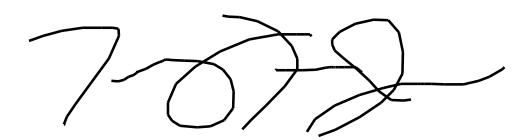


Yes, the shaft has been isolated for delivery.

Service Tech name: Te

Terry f

Service Tech signature:



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