Job Information

Job #:	135664			Date:	January 17, 2018
Priority:	2	Authorized OT:	No	Authorized by:	Terry

Customer Information

Name:	KTG	Motor#:	

Name Plate Information

Manufacturer:	GE	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	100
Serial#:	N8127018	Model#:	5k1504fg9	Service Factor:	
Frame:	504u	Rated RPM:	1770	Rated Voltage:	460
Phase:		Rated Amps:	241/120	Cycles:	
Special design:	No				

AC Electrical Inspection

Megs at reassembly: Good Surge at reassembly: Good Hi-pot reassembly: Good

Winding Resistance Incoming

	Phases A to B	Phases B to C	Phases C to A	Resistive imbalance
Outgoing				

Test Run Inspection

Date

— I have merged this motor and verified that all electrical tests are complete!

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage			
No Load Current			

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.

Test Run Inspection (Continued)

Ambient Temp: 60

TIME	DE	Degree Change	ODE	Degree Change
START:	60	1	61	
5 MIN:	61	1	62	
10 MIN:	64	1	65	
15 MIN:	66	1	65	
20 MIN:				
25 MIN:				
30 MIN:				
35 MIN:				
40 MIN:				
45 MIN:				
50 MIN:				
55 MIN:				
60 MIN:				

Test Run Inspection (Continued)

Vibration Data: In./Sec-Peak **(Readings should be less than .08 In/Sec Peak)**

	Horizontal	VDE	Axial
DE	0.067	0.072	0.035
ODE	0.069	0.064	0.042

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: Terry Frazier

Service Tech signature: