Job Information

Job #:	135457			Date:	December 12, 2018
Priority:	2	Authorized OT:	No	Authorized by:	Andrew

Customer Information

Name:	KTG	Motor#:	135457

Name Plate Information

Manufacturer:	GE	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	50
Serial#:	SEG223015	Model#:	5KS365SS308D1	Service Factor:	1.15
Frame:	365T	Rated RPM:	1195	Rated Voltage:	460
Phase:	3	Rated Amps:	58.2	Cycles:	60
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	0.1	0.1	0.1	0

Test Run Inspection

Date December 12, 2018

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

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage	461.4	460.9	460.2
No Load Current	14.5	14.3	14.3

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:

TIME	DE	Degree Change	ODE	Degree Change
START:				
5 MIN:				
10 MIN:				
15 MIN:				
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	0.019	0.027	0.015
ODE	0.017	0.033	0.014

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: Nicholas Thewes

Service Tech signature: