Job Information

Job #:	142844			Date:	July 29, 2020
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Ktg	Motor#:	

Name Plate Information

Manufacturer:	Star electric	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	1.1
Serial#:		Model#:		Service Factor:	
Frame:		Rated RPM:	600	Rated Voltage:	440
Phase:	3	Rated Amps:	2.5	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	18.161	18.185	18.195	0.2

Test Run Inspection

Date July 29, 2020

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

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage	438.6	442.2	440.3
No Load Current	1.38	1.95	1.66

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: 73

TIME	DE	Degree Change	ODE	Degree Change
START:	73	0	73	0
5 MIN:	75	2	75	2
10 MIN:	76	3	76	3
15 MIN:	76	3	76	3
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	0.051	0.020	0.030
ODE	0.046	0.022	0.023

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: Shawn

Service Tech signature: