Job Information

Job #:	95138			Date:	February 8, 2019
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Semcoa	Motor#:	

Name Plate Information

Manufacturer:	BALDOR	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	75 hp
Serial#:	M4313t	Model#:	14m043x300h1	Service Factor:	1.15
Frame:	365ts	Rated RPM:	3550	Rated Voltage:	230/460
Phase:	3	Rated Amps:	160/83	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	73.4	72.1	72.4	1.4

Test Run Inspection

Date February 8, 2019

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	461	458	458
No Load Current	20	20	19

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	0.02	0.04	0.01
ODE	0.02	0.03	0.02

Magnetic Center Measurements **(Only Applies to Sleeve Bearing Motors)**

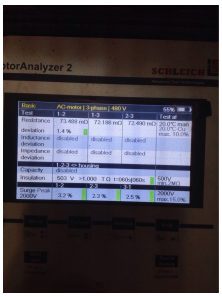
Magnetic Center line distance from shaft shoulder

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: Trevor Hall

Service Tech signature: