Job Information

Job #:	94937			Date:	January 24, 2019
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Alcoa	Motor#:	

Name Plate Information

Manufacturer:	US	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	75
Serial#:		Model#:	R-6412-06-892	Service Factor:	1.15
Frame:	365TS	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	88.2	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	0.101	97.232	97.536	3.9

Test Run Inspection

Date January 24, 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	458	455	456
No Load Current	24.9	24.7	24.4

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	0.03	0.03
ODE	0.02	0.03	02

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

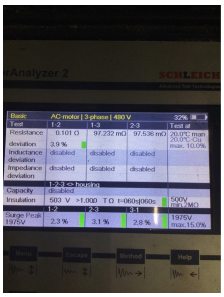
Magnetic Center line distance from shaft shoulder

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: Robert Wiley

Service Tech signature: