Job Information

Job #:	139552			Date:	April 16, 2020
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Pennakem	Motor#:	139552

Name Plate Information

Manufacturer:	TECO	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	350/260
Serial#:	RD .AC184056-1	Model#:		Service Factor:	1.15
Frame:	449T	Rated RPM:	1788	Rated Voltage:	460
Phase:	3	Rated Amps:	387	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	459.1	460.9	460.0
No Load Current	95.1	92.1	101.6

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: 78

TIME	DE	Degree Change	ODE	Degree Change
START:	80	2	80	2
5 MIN:				
10 MIN:				
15 MIN:	88	8	81	1
20 MIN:				
25 MIN:				
30 MIN:	89	1	83	2
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	0.015	0.030	0.061
ODE	0.024	0.024	0.041

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: Jesus

Service Tech signature: