Job Information

Job #:	137916			Date:	December 10, 2018
Priority:	—	Authorized OT:	No	Authorized by:	Terry f

Customer Information

Name:	Usg	Motor#:	

Name Plate Information

Manufacturer:	Siemens	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	250
Serial#:		Model#:	1la4494se1	Service Factor:	
Frame:		Rated RPM:	1785	Rated Voltage:	460
Phase:		Rated Amps:	281	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	0.2	0.2	0.2	0.2

Test Run Inspection

Date December 10, 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	460	461	462
No Load Current	80	81	80

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	0.054	0.043	0.032
ODE	0.062	0.054	0.030

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: Terry

Service Tech signature: