



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 140206

Date: August 26, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: USG

Motor#: 140206

Name Plate Information

Manufacturer:	Siemens	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	100
Serial#:	C02T0623TE	Model#:		Service Factor:	1.15
Frame:	405T	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	113	Cycles:	60
Special design:	No				

WEST TENNESSEE

7030 Ryburn Drive
Millington, TN 38053
Phone 901-873-5300
Fax 901-873-5301

CENTRAL ARKANSAS

6812 Lindsey Rd.
Little Rock, AR 72206
Phone 501-375-9178
Fax 501-375-4254



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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	0.067	0.067	0.067	0.3

Test Run Inspection

Date August 26, 2019

— 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	462	461
No Load Current	27	31	28

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.

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Test Run Inspection (Continued)

Ambient Temp: 74

TIME	DE	Degree Change	ODE	Degree Change
START:	74	0	74	0
5 MIN:	75	1	75	1
10 MIN:	76	1	76	1
15 MIN:	77	1	77	1
20 MIN:				
25 MIN:				
30 MIN:				
35 MIN:				
40 MIN:				
45 MIN:				
50 MIN:				
55 MIN:				
60 MIN:				

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Test Run Inspection (Continued)

Vibration Data: In./Sec-Peak (Readings should be less than .08 In/Sec Peak)

	Horizontal	VDE	Axial
DE	0.043	0.056	0.026
ODE	0.042	0.057	0.029

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: Michael

Service Tech signature: