



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 142581

Date: June 8, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Aria energy

Motor#: 142581

Name Plate Information

Manufacturer: Baldor Enclosure : Open Drop Proof (ODP) Horsepower/kW: 125 HP

Serial#: A1307022093 Model#: Service Factor: 1.00

Frame: 444T Rated RPM: 1785 Rated Voltage: 460

Phase: 3 Rated Amps: 139 Cycles:

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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LITTLE ROCK, AR

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 June 8, 2020

— I have merged this motor and verified that all electrical tests are complete!

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage	454.	458.	456
No Load Current	37.4	41.0	40.5

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: 72

TIME	DE	Degree Change	ODE	Degree Change
START:	74	2	69	0

5 MIN:

10 MIN:

15 MIN:	78	4	70	1
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20 MIN:

25 MIN:

30 MIN:	80	2	71	1
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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	0.070	0.013	0.041
ODE	0.110	0.024	0.045

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:

