



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 94764

Date:

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Arkansas Electric Corp

Motor#:

## Name Plate Information

Manufacturer:	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	800
Serial#: 1-5112-75377-1-8	Model#:		Service Factor:	
Frame:	Rated RPM:	1775	Rated Voltage:	4000
Phase: 3	Rated Amps:	99	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



MILLINGTON, TN

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	0.363	0.361	0.364	0.5

## Test Run Inspection

Date October 26, 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	4140	4151	4156
No Load Current	19.4	18.8	19.1

### 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.

**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



MILLINGTON, TN

LITTLE ROCK, AR

## Test Run Inspection (Continued)

### Ambient Temp:

TIME	DE	Degree Change	ODE	Degree Change
START:	90		90	
5 MIN:	115.9	25.9	115.4	25.4
10 MIN:				
15 MIN:	119.8	3.9	120.4	5.0
20 MIN:				
25 MIN:				
30 MIN:	120.7	0.9	121.7	1.3
35 MIN:				
40 MIN:				
45 MIN:	121.2	0.5	122.2	0.5
50 MIN:				
55 MIN:	121.4	0.3	122.5	0.3
60 MIN:	121.5	0.1	122.5	0.0

#### 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

## Test Run Inspection (Continued)

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

	Horizontal	VDE	Axial
DE	0.01	0.03	0.02
ODE	0.004	0.03	0.03

## 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: Trevor Hall

Service Tech signature:

