



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 141921

Date: May 6, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Nucor

Motor#: Eddy current

Name Plate Information

Manufacturer: P&H

Enclosure : Open Drop Proof
(ODP)

Serial#: RW101540-6/01

Model#: 5100A1072-4

Service Factor:

Frame:

Horsepower/kW:

Rated RPM:

Armature

Volts

Amps

Fields

Volts 90

Amps 25

Test Run Inspection

Date May 6, 2020

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

Power Supply

Phase A

Phase B

Phase C

No Load Voltage

No Load Current

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

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Test Run Inspection (Continued)

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.

Ambient Temp:

TIME	DE	Degree Change	ODE	Degree Change
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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:

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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

ODE

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: Shawn

Service Tech signature:

