



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 94393

Date: June 13, 2018

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Kayto River

Motor#:

## Name Plate Information

Manufacturer:	Stahl	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	7 /1.07
Serial#:	54-10-701	Model#:	2/12A4/514	Service Factor:	
Frame:		Rated RPM:	3410/520	Rated Voltage:	460
Phase:	3	Rated Amps:	10.2/8.3	Cycles:	60

Special design: No

## AC Electrical Inspection

Megs after rewind: Good Surge after rewind: Good Hi-pot after rewind: Good

Core loss: Good Thermistors: None Thermostat: None

RTD: None ohms at degrees C

Motor Heater(s) Present: Yes Qty: Voltage: Wattage:

**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 (Continued)

### Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout				

## Conclusion

Service Tech name: RHR

Service Tech signature:

**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

# Polyphase AC Winding

Polyphase Date: June 13, 2018

Hp/kw: 7 /1.07

RPM: 3410/520

Poles:

2 Manufacturer: Stahl

Slots: 36

Type:

Volts: 460

Coils: 36

Model: 2/12A4/514

Amps: 10.2/8.3

6 Of 6

Grouping

Of

Serial#: 54-10-701

Phase: 3

Lead marking:

123 Hertz:

60

Turns/Coil: 21

Lead length: 60

C Rise:

Frame:

Wire Size 21 22

Lead size: 18

Duty: 60min. C AMB:

Wire Mult. 1 1

Num.Leads: 3

Eff.:

Ins.Cls.:

F

Pitch 1 to: 15

☐ DP

☐ TEFC

☐ XPRF

☐ TENV

S.F.:

Connection: 1Y

Jumper:

Core length: 3.75

Core ID: 4.687

Back iron: 0.625

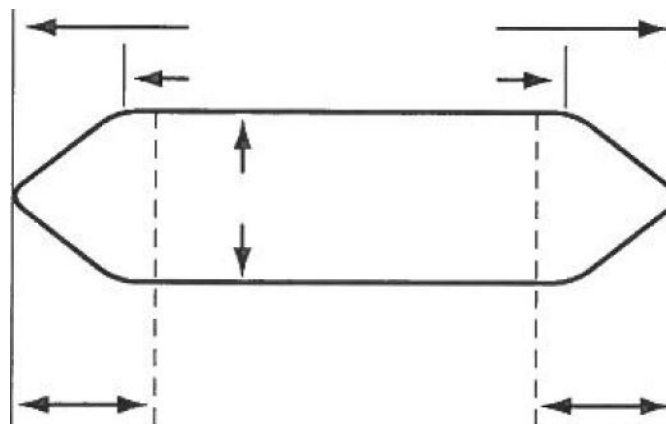
Slot depth: 0.875

Slot/tooth w: 0.187

Wire weight: 8.

Vents: Size

COIL


☒ Left

Connection End  
(Facing Terminal Box)

☐ Right

Rotor bars:



MILLINGTON, TN

LITTLE ROCK, AR

**Single Phase**

Split Phase ☐  
Capacitor: ☐ Start ☐ Start & Run ☐ Perm. Split

Hp/kw: 7 /1.07

RPM: 3410/520

Manufacturer: Stahl

Run

Start

Type:

Volts: 460

Model: 2/12A4/514

Amps: 10.2/8.3

Style:

Hertz:

Form:

Frame:

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 54-10-701

Wires in par.

Duty: —

☐ BB☐ SB

No. Circuits

Open: —

Coil Ext.

Sta.length:

Sta.b.i.:

Stator Bore

Running ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Slot No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Starting ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Customer: Kayto River

(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

**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

## AC Stator Form Coil Data

1. Core bore diameter
2. Total core length
3. Back iron
4. No. of vents
5. Width of vents
6. Finger plate width
7. Overall coil length
8. Connection end extension
9. Opposite Conn. End Ext.
10. Straight length bottom side
11. Straight length top side
12. Small knuckle drop. CE
13. Large knuckle drop. CE
14. Conn. Support Ring from core
15. Opp. Conn. Supp. Ring from core
16. Connection support ring ID
17. Opp. Conn. Supp. Ring ID
18. Total slot depth
19. Slot depth under wedge
20. Slot width

OCE

OCE



## AC Stator Form Coil Data (Continued)

21. Lead location ☐ A ☐ B ☐ C ☐ D

22. Coil type ☐ Left hand ☐ Right hand

23. Coil leads Long# LG

Short# LG

☐ Out ☐ Down

24. Jumper —

25. Connection —

26. No. of circuits

27. No. of slots

28. Coil throw 1-

29. Turns per coil

30. Total wires in parallel

31. Bare wire sizes ( ) x

( ) x

32. Strand insulation

☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

33. Coil weight Lbs.

34. Groups of Coils

Groups of Coils

35. Iron skewed ☐ Right ☐ Left in




## AC Stator Form Coil Data (Continued)

### Special Features      Yes      No

Data change      ☐      ☐

Coil support ring steel      ☐      ☐

Terrace wound      ☐      ☐

Corona Protection      ☐      ☐

RTDs      ☐      ☐

Ohms      Qty

Hermetic      ☐      ☐

Slot paper used      ☐      ☐

Insulation class      ☐ B      ☐ F      ☐ H

☐ VPI      ☐ Dip & Bake      ☐ Sealed

☐ Leads taped      ☐ Leads sleeved

Comments

