



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 141805

Date: March 3, 2020

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: South Treatment

Motor#:

## Name Plate Information

Manufacturer:	Enclosure :	Totally Enclosed Non-Ventilated	Horsepower/kW:	5
Serial#: 21-06599-02	Model#:		Service Factor:	
Frame:	Rated RPM:	1770	Rated Voltage:	460
Phase: 3	Rated Amps:	7	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: 1 Voltage: 120 Wattage: 120

**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 (Continued)

### Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	86.57	70	2.11	9

## Conclusion

Service Tech name: Shawn

Service Tech signature:

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## Polyphase AC Winding

Polyphase Date:

Hp/kw: 5

RPM: 1770

Poles:

4 Manufacturer:

Slots: 36

Type:

Volts: 460

Coils: 36

Model:

Amps: 7

12 Of 3

Serial#: 21-06599-02

Phase: 3

Grouping

Of

Lead marking:

123 Hertz: 60

Turns/Coil: 16

Lead length: 2 C Rise: Frame:

Wire Size 17 19

Lead size: 14 Duty: C AMB:

Wire Mult. 2 1

Num.Leads: 3 Eff.: Ins.Cls.:

Pitch 1 to: 8

☐ DP ☐ TEFC ☐ XPRF ☒ TENV S.F.:

Connection: 1Y

Jumper:

Core length: 4.625

Core ID: 5.50

Back iron: 0.750

Slot depth: 1.010

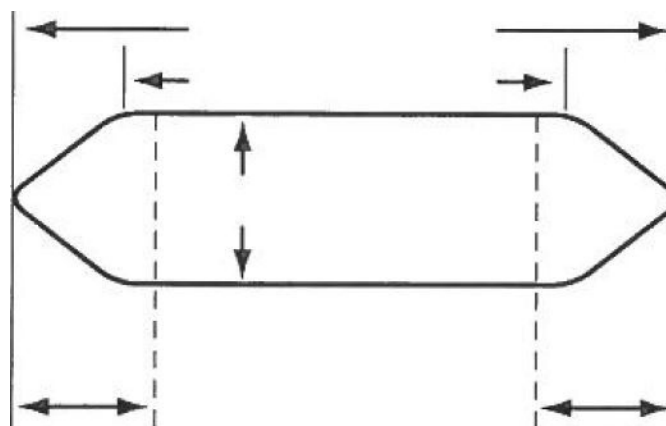
Slot/tooth w: 0.250

Wire weight:

Vents: Size

Rotor bars:

COIL

☐ LeftConnection End  
(Facing Terminal Box)☐ Right**WEST TENNESSEE**

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**Single Phase**

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

Hp/kw: 5

RPM: 1770

Manufacturer:

Run

Start

Type:

Volts: 460

Model:

Amps: 7

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 21-06599-02

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: South Treatment

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

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## 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	<input type="checkbox"/>	<input type="checkbox"/>
Coil support ring steel	<input type="checkbox"/>	<input type="checkbox"/>
Terrace wound	<input type="checkbox"/>	<input type="checkbox"/>
Corona Protection	<input type="checkbox"/>	<input type="checkbox"/>
RTDs	<input type="checkbox"/>	<input type="checkbox"/>
Ohms Qty		
Hermetic	<input type="checkbox"/>	<input type="checkbox"/>
Slot paper used	<input type="checkbox"/>	<input type="checkbox"/>
Insulation class	<input type="checkbox"/> B <input type="checkbox"/> F <input type="checkbox"/> H	
	<input type="checkbox"/> VPI <input type="checkbox"/> Dip & Bake <input type="checkbox"/> Sealed	
	<input type="checkbox"/> Leads taped <input type="checkbox"/> Leads sleeved	
Comments		

