



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 139158

Date: June 12, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: CHEMOURS

Motor#:

## Name Plate Information

Manufacturer: US

Enclosure : Weather Protected  
I (WPI)

Horsepower/kW: 200

Serial#:

Model#:

Service Factor:

Frame: 445TP

Rated RPM: 1775

Rated Voltage: 460

Phase: 3

Rated Amps: 236

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



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## AC Electrical Inspection (Continued)

### Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	84.67	131	4.00	

## Conclusion

Service Tech name: Kelly Felts

Service Tech signature:

*Kelly Felts*

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# Polyphase AC Winding

First Speed

Polyphase Date: June 12, 2019

Hp/kw: 200 RPM: 1775

Manufacturer: US

Slots: 72 Poles:

Type:

Volts: 460

Coils: 72

Model:

Amps: 236

Serial#:

Phase: 3

12 Of 6  
Grouping  
Of

Lead marking:

1,2,3,7,8,9 Hertz: 60

Turns/Coil: 10

Lead length: 24 C Rise: Frame: 445TP

Wire Size 17 18

Lead size: 1 Duty: C AMB:

Wire Mult. 4 5

Num.Leads: 6 Eff.: Ins.Cls.:

Pitch 1 to: 15

☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 2Delta PWS

Jumper:

Core length: 13.125

Core ID: 11.125

Back iron: 1.312

Slot depth: 1.562

Slot/tooth w: 0.31

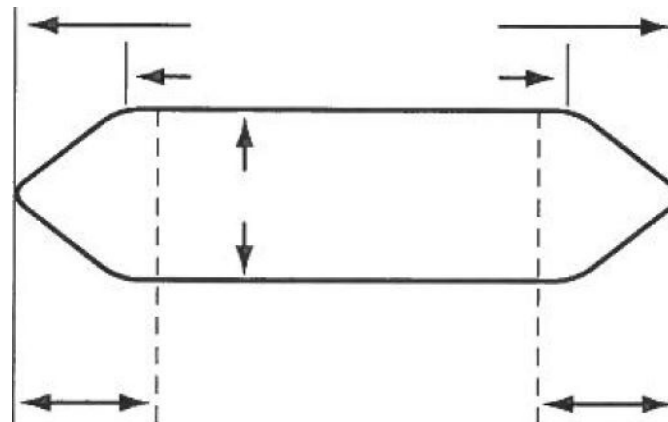
Wire weight: 182

Slot: 15.8

Tip: 2.2

Pitch: 8.0

COIL


☐ Left

Connection End  
(Facing Terminal Box)

☐ Right



MILLINGTON, TN

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**Single Phase**

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

Hp/kw: 200

RPM: 1775

Manufacturer: US

	Run	Start	Type:	Volts:	460
No. Slots			Model:	Amps:	236
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#:		
Wires in par.			Duty: —	<input type="checkbox"/> BB	<input type="checkbox"/> 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: CHEMOURS

(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      ☐      ☐

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

