

## **Job Information**

Job #:	139760			Date:	June 26, 2019
Priority:	_	Authorized OT:	No	Authorized by:	
Customer	Information				
Name:	USG			Motor#:	
Name Plat	e Information				
Manufacturer:	Siemens	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	200
Serial#:	1LA04474SE41C	Model#:	R6ZESD	Service Factor:	
Frame:	447T	Rated RPM:	1785	Rated Voltage:	460
Phase:	3	Rated Amps:	223	Cycles:	60

Special design: No

# **AC Electrical Inspection**

Megs aft	er rewind:	Good	Surge afte	er rewind: Good	Hi-pot after rewind:	Good
Core loss:	Good		Thermistors:	None	Thermostat: None	
RTD:	None			ohms at	degrees C	
Motor Heat	er(s) Present	: Yes	Qty:	Voltage:	Wattage:	

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## **AC Electrical Inspection (Continued)**

#### **Core Test Data**

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	84.79	750	1.64	

### Conclusion

Service Tech name: Kelly Felts

Service Tech signature:

Kelly Fette

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#### MILLINGTON, TN LITTLE ROCK, AR

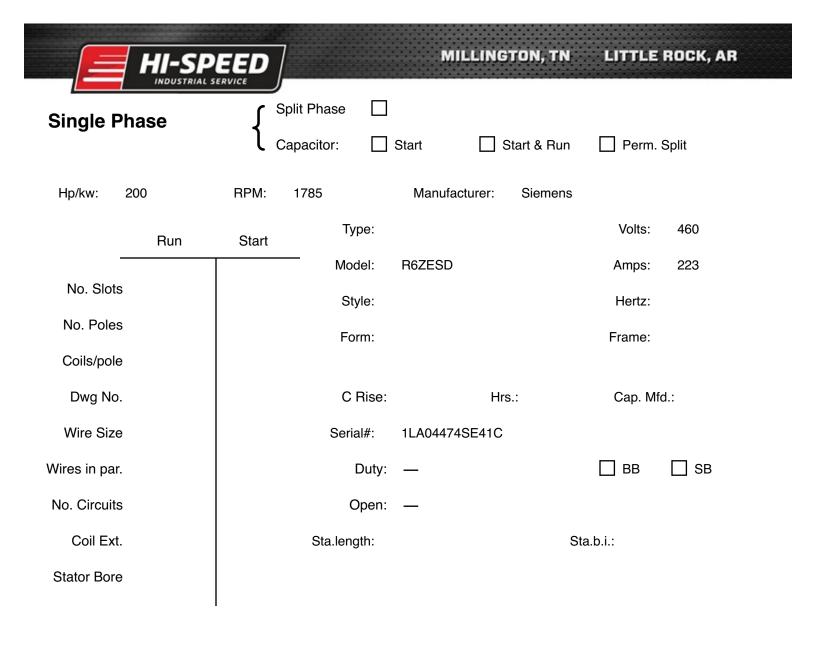
Polyphase Date:

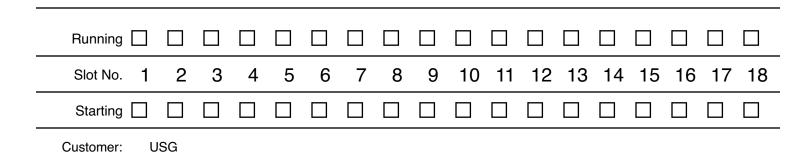
June 26, 2019

## **Polyphase AC Winding**

Polypii	ase A	C winding			Polyphase Date.	Julie 20, 2019
Hp/kw:	200	RPM:	1785	Poles:	Manufacturer:	Siemens
Slots:		48	Туре:		Volts:	460
Coils:		48	Model:	R6ZESD	Amps:	223
	12	Of 4	Serial#:	1LA04474SE41C	Phase:	3
Groupin	g	Of	Lead marking:		Hertz:	60
Turns/Coil:		5	Lead length:	18 C Rise:	Frame:	447T
Wire Size	16		Lead size:	1.0 Duty:	C AMB:	
Wire Mult.	15		Num.Leads:	3 Eff.:	Ins.Cls.:	
Pitch 1 to:		11	🗌 DP 🔽	TEFC XPRF	TENV S.F.:	
Connection:		2D	COIL			
Jumper:			-			
Core length:		19.25	/			
Core ID:		11.625	$\langle$	i T		>
Back iron:		1.375				
Slot depth:		1.375				
Slot/tooth w:		0.375		▶		
Wire weight:		205	Left	Connectior (Facing Termi		
Vents:		Size				
Rotor bars:					The Electr	o•Mechanical Authority

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## MILLINGTON, TN LITTLE ROCK, AR

### 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. Connnection 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







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OCE

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#### **MILLINGTON, TN** LITTLE ROCK, AR

AC Stator For	m Coil Data (Co	ontinued)			-
21. Lead location	🗌 А 🗌 В 🗌	] C 🗌 D			
22. Coil type	Left hand	] Right hand	16	(1) (1)	
23. Coil leads	Long# LG		12 18	2	
	Short# LG				5
	Out	Down	1		
24. Jumper	_		13		23 4-(15->
25. Connection	-				OPPOSITE
26. No. of circuits			END	LEADS	CONNECTION
27. No. of slots			Left-Ha	and Coil 21 + 2	Right-Hand Coil
28. Coil throw	1-		Top	B	Тор
29. Turns per coil			A	$\sim$	
30. Total wires in para	allel			Bottom	Bottom
31. Bare wire sizes	(	) x	514		
	(	) x		19	
32. Strand insulation	Mica Bare	Other			
33. Coil weight	Lt	DS.			
34. Gr	oups of	Coils			EASA
Gr	oups of	Coils			The Electro•Mechanical Authority
35. Iron skewed	Right 🗌 Left	in			
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HI-SPEED



## AC Stator Form Coil Data (Continued)



Comments





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