

Job Information

Job #:	94644					August 17, 2018
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name:	Riceland Foods		Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

Name Plate Information

Manufacturer:	Siemens	Enclosure :	Totally Enclosed Fan Cooled
Serial#:	L96	Model#:	1LA04496SE42
Service Factor:	1.15	Frame:	449TS
Horsepower/kW:	200	Rated RPM:	1185
Rated Amps:	222	Rated Voltage:	460
Phase:	3	Cycles:	60
Special design:	No		

Enclosure Type image



Nameplate

DE

ODE

F1

F2





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Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Does the shaft turn freely?:	Yes	Contaminant(s):	None
Shaft rotation:	Bi-directional	Contaminant(s) Amt:	None
Shaft grounding device present?:	No	Contaminant Image:	
Type of grounding device:			E E
Shaft runout(TIR-Inbound):			

Bearings DE:	Worn	Bearings DE make:	SKF
Insulated:	No	Bearing DE Size:	6320 1Z
Bearings ODE:	Worn	Bearings ODE make:	SKF
Bearing Type:	Ball	Bearing ODE Size:	6316
Bearings Retainer:	Yes	Thermal Protection:	Yes
Retainer condition:	_	Thermal Protection Type:	_

Bearing Type Image



Bearing Make Image



Bearing Retainer Image



Thermal Protection



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Mechanical Inspection (Continued)

Lubrication Type:	Grease	Thermal Protection device DE:	_
Lubrication brand inbound:	Unknown	Thermal Protection device ODE:	_
Lubrication brand outbound:	Unknown		
Grease Amt DE:	Full	Grease Cond. DE:	New
Grease Amt ODE:	Full	Grease Cond. ODE:	New
Seals DE type:	N/A		
Seals DE size:			

Seals DE (inbound) condition :

Seals ODE type: N/A Seals ODE size:

:

Seals ODE (inbound) condition

Shaft damage cause:

None

Seals Image 2:



Shaft Image:



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Mechanical Inspection (Continued)

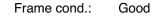
Brg. Image:



Water j	acket:	N/A
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Fan: Ok







Motor Mount Position:	Horizontal/Foot mount

O-rings

Glands

Endbell type:

Single piece

Endbell Image:







Other missing parts

Missing parts?

J-Box cover

HH cover

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CENTRAL ARKANSAS 6812 Lindsey Rd. Little Rock, AR 72206 Phone 501-375-9178 Fax 501-375-4254

J-Box

None



Mechanical Inspection (Continued)

Air Gap Meaurements (N/A on Single Pie	Does Air Gap Meet Customer or EASA spec(<10% variation)?	
DE @ 0	ODE @ 0	_
DE @ 90	ODE @ 90	
DE @ 180	ODE @ 180	
DE @ 270	ODE @ 270	

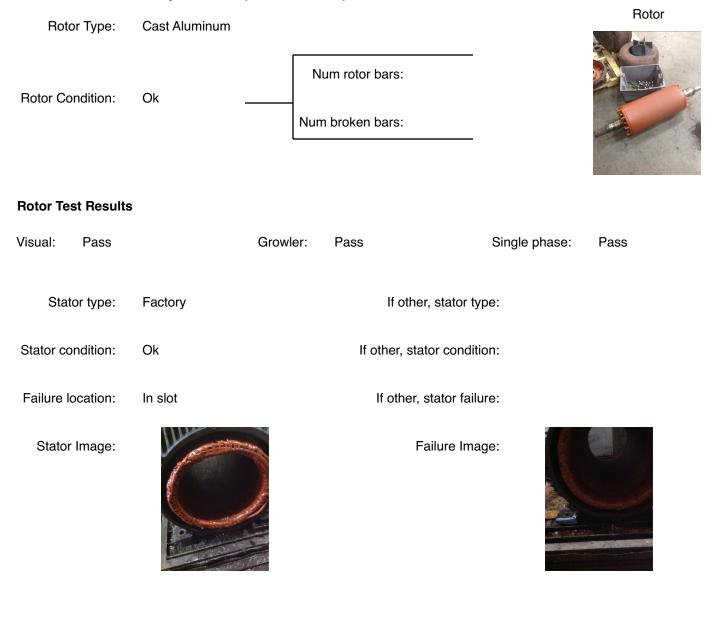
AC Electrical Inspection

Number of leads:	6	Terminal Markings:				
Length of leads:	12"	REF: NEMA Stds. MG 1-2009, Rev. 1-2010, 2.41-Terminal Markings Identified By Color:				
Size of leads:		1-Blue 2-White 3-Orange	5-Black 6-No color assigned 7-No color assigned	P1-No color assigned P2-Brown		
Lead condition:	Good	4-Yellow	8-Red			
Lug type:		Connections As Re	eceived:			
Lug Condition:	_		Terminal	Lugs		
Lug size:						
Lug Attachment:	_					

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AC Electrical Inspection (Continued)



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AC Electrical Inspection (Continued)

Winding co	olor:	Like new	Winding	image	Winding Therma	I Protection:	No
Winding condition	on :	Solid	and the second sec				
Winding Ther Protection		_					
Winding Ther Protection O		_	E				
Stator test resu	ults:	Salvageable					
Megs incoming:	Good	d	Surge incoming:	Good	Hi-pot in	coming:	Good
Winding Resista	nce In	coming					
	Phase	es A to B	Phases B to C	Phase	es C to A	Resistive ir	nbalance
Incoming	24.0	54	24.155	24.46	66	1.3	
المعمام							

Leads/jumpers: Ok

If other, leads/jumpers:

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Conclusion

Component Failure

Cause of Failure

Found Fatigue in ODE Bearing

Comments

Service Tech name:

Robert Wiley

Service Tech signature:

Robert Wiley

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