

Job Information

Job #:	94093				Date:
Priority:	_	Authorized OT	: No	Authorized by:	

Customer Information

Name:	FABRICATION SERVICE II	INC Reason:			
Contact:		Motor#:		PO#:	
Application:	_	Special notes:			

Name Plate Information

Manufacturer:	RELIANCE	Enclosure :	Open Drop Proof (ODP)
Serial#:	01MAV20314	Model#:	P40G0416A
Service Factor:		Frame:	405TDZ
Horsepower/kW:	150	Rated RPM:	1770
Rated Amps:	180	Rated Voltage:	460
Phase:	3	Cycles:	60





Nameplate

Special design:

DE

No

ODE

F1

F2

Тор





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Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Does the shaft turn freely?:	_	Contaminant(s):	Grease	
Shaft rotation:	CCW	Contaminant(s) Amt:	None	
Shaft grounding device present?:	No	Contaminant Image:		
Type of grounding device:			A GAR	
Shaft runout(TIR-Inbound):				
Bearings DE:	Worn	Bearings DE make:	SKF	
Insulated:	No	Bearing DE Size:		
Bearings ODE:	Worn	Bearings ODE make:	SKF	

Bearing Type: Ball

Bearings Retainer: Yes

Retainer condition:

Bearing Type Image



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Bearing Retainer Image

Bearing ODE Size:

Thermal Protection:

Thermal Protection Type:

Thermal Protection

6316-2Z/C3

Yes

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Mechanical Inspection (Continued)

Lubrication Type:	Grease	Thermal Protection device DE:	N/A
Lubrication brand inbound:	Mobile Polyrex EM	Thermal Protection device ODE:	N/A
Lubrication brand outbound:	Mobile Polyrex EM		
Grease Amt DE:	Full	Grease Cond. DE:	Charred
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		

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Mechanical Inspection (Continued)

Brg. Image:



Water jacket:	N/A	F	-an:	N/A	Frame cor	nd.: Good
Motor Mount Pos	sition: Horizontal/Fe	pot mount			Endbell type:	Single piece
Missing parts	?				Endbell Image:	
J-Box cover	O-rings	J-Box				
HH cover	Glands	V None				

Other missing parts

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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

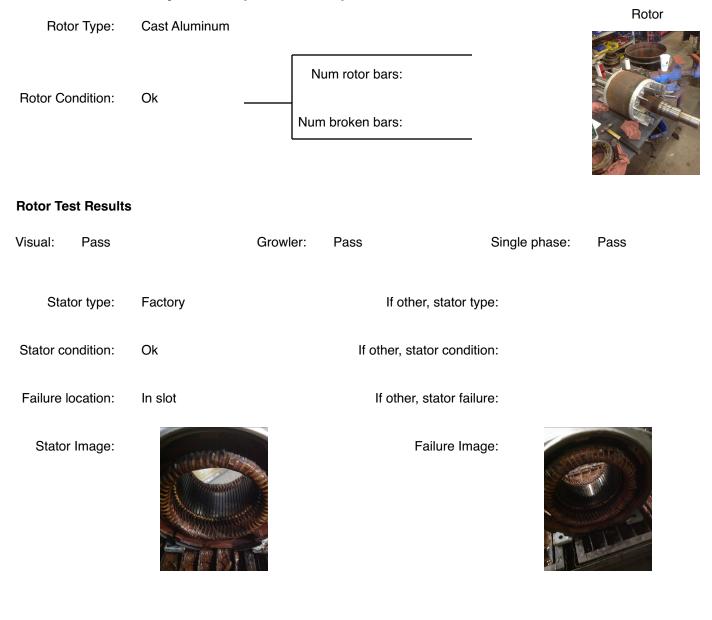
Number of leads:	6	Terminal Markings:	1-6	
Length of leads:	6'	REF: NEMA Stds Markings Identifie	. MG 1-2009, Rev. 1- ed By Color:	2010, 2.41-Terminal
Size of leads:	#2	1-Blue 2-White 3-Orange	5-Black 6-No color assigned 7-No color assigned	P1-No color assigned P2-Brown
Lead condition:	Good	4-Yellow	8-Red	
Lug type:		Connections As Rec	ceived:	
Lug Condition:	_	Т	erminal	Lugs
Lug size:				
Lug Attachment:	_			K

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AC Electrical Inspection (Continued)



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AC Electrical Inspection (Continued)

Winding co	lor:	Still has color	Winding	g image	Winding Thern	nal Protection	: No
Winding condition	on :	Solid		Contraction of			
Winding Therr Protection I		_					
Winding Therr Protection OI		_		B			
Stator test resu	ilts:	Rewind					
Megs incoming:	Good	k	Surge incoming:	Good	Hi-pot	incoming:	Good
Winding Resistar	nce In	coming					
	Phase	es A to B	Phases B to C	Phase	es C to A	Resistive i	mbalance
Incoming							

Leads/jumpers: Other

If other, leads/jumpers:

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Conclusion

Component Failure

Cause of Failure

Comments

Service Tech name: Ro

Robert Wiley

Service Tech signature:

AL)'L

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