



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 139620

Date: April 29, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: ABB, INC.

Motor#:

Name Plate Information

Manufacturer:	WESTINGHOUSE	Enclosure :	Totally Enclosed Non-Ventilated	Horsepower/kW:	15
Serial#:	8106	Model#:	81437402	Service Factor:	1.0
Frame:	284TC	Rated RPM:	1155	Rated Voltage:	460/240
Phase:	3	Rated Amps:	22.3/32.5	Cycles:	60

Special design: No

Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Shaft Condition:	Damaged	Bearings Retainer:	Yes
Shaft runout(TIR-Inbound):	.002	Bearing DE Size:	6311
Retainer condition:	Good	Bearing ODE Size:	6209

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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Mechanical Inspection (Continued)

DE shaft extension :	1.873	Shaft damage:	OK
DE shaft extension keyway:	.500	Shaft Brg. Journal DE:	Good
ODE shaft extension :	1.612	If DE undersized, amt.:	
ODE shaft extension keyway:	.408	Shaft damage:	OK
Shaft air Seal DE size:	2.106	Shaft Brg. Journal ODE:	Good
Shaft air Seal ODE size:	1.768	If ODE undersized, amt.:	
DE Endbell fits/damage:	Good	ODE Endbell fits/damage:	Good
Endbell DE size:	3.3474	Endbell ODE size:	4.725
Endbell DE air seal size:	1.771	Endbell ODE air seal size:	2.168
Endbell DE insulated?:	No	Endbell ODE insulated?:	No
Foot flatness:	Pass	Does Air Gap Meet Customer or EASA spec(<10% variation)?	

Conclusion

Yes

Machine
work
needed: REPAIR ODE EXT SHAFT JOURNAL,KEYWAY,IN BOTH THE ROTOR
AND COUPLING

Service BILLY MAYS

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