



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 139552

Date: April 29, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: PENN A KEM

Motor#:

Name Plate Information

Manufacturer:	TECO	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	350
Serial#:	RDAC184056-1	Model#:	AEHN-8N	Service Factor:	N/A
Frame:	449T	Rated RPM:	1788	Rated Voltage:	460
Phase:	3	Rated Amps:	387	Cycles:	60

Special design: No

Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Shaft Condition: Worn

Bearings Retainer: Yes

Shaft runout(TIR-Inbound): .0015

Bearing DE Size: 6320

Retainer condition: Good

Bearing ODE Size: 6316

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 :	3.374	Shaft damage:	OK
DE shaft extension keyway:	.875	Shaft Brg. Journal DE:	Good
ODE shaft extension :	2.362	If DE undersized, amt.:	
ODE shaft extension keyway:	.593	Shaft damage:	Salvageable
Shaft air Seal DE size:	3.935	Shaft Brg. Journal ODE:	Undersized
Shaft air Seal ODE size:	3.141	If ODE undersized, amt.:	.0014
DE Endbell fits/damage:	Good	ODE Endbell fits/damage:	Good
Endbell DE size:	8.465	Endbell ODE size:	6.6938
Endbell DE air seal size:	N/A	Endbell ODE air seal size:	N/A
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 BEARING JOURNAL ON ROTOR SHAFT
OTHER MISC. STUFF DAN FOUND

Service BILLY MAYS

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