



AC Recondition As Found
Ring Container Technologies (11634)
9000 Frazier Pike
Little Rock, AR 72206

FolderID: 100595
FormID: 15247991

AC Recondition - Rev. 2

Location: LR MOTOR SHOP

Serial Number: A00749849

Description: 10HP SAMA BLOWER 3600RPM
132S

Hi-Speed Job Number: 100595

Manufacturer: Other

Product Number: IN132SB/2 IE2 B3

Serial Number: A00749849

HP/kW: 10 (HP)

RPM: 3530 (RPM)

Frame: 132S

Voltage: 460

Current: 13.5

Phase: Three

Hz: 60 (Hz)

Enclosure: TEFC

J-box Included: Complete

Coupling/Sheave: Propeller

Bearing RTDs: No

Stator RTDs: No

Repair Stage: Teardown Inspection

Heaters: No

Winding Type : Random Wound

Bearing Type: Rolling Element

Priorities Found: ● 2 - High

● 6 - Good

Overall Condition



1. Report Date
2. Nameplate Picture

P20



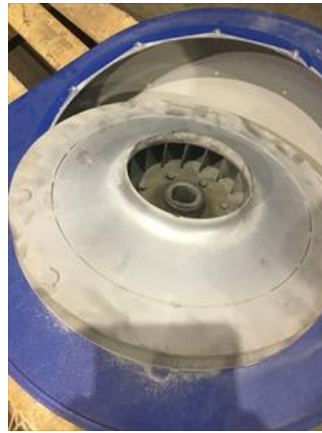
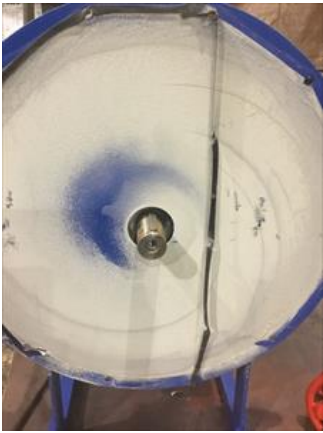
3. Photos of all six sides of the machine.

P27

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4. Describe the Overall Condition of the Equipment as Received

5. Distance from the end of the shaft to the Coupling/Sheave

Initial Mechanical/Electrical



6. Does Shaft Turn Freely? (Yes) Yes

7. Does Shaft Have Visible Damage? (No) No

P11



8. Assembled Shaft Runout

9. Assembled Shaft End Play

10. Air Gap Variation <10%

11. Lead Condition

(P) Pass

P32



12. Lead Length

6 Inches

13. Frame Condition

P54



14. Fan Condition

(P) Pass

P59



15. Broken or Missing Components

P59

2 ea bolts missing



Initial Electrical Inspection



- 16. Insulation Resistance/Megger
- 17. Winding Resistance

1-2

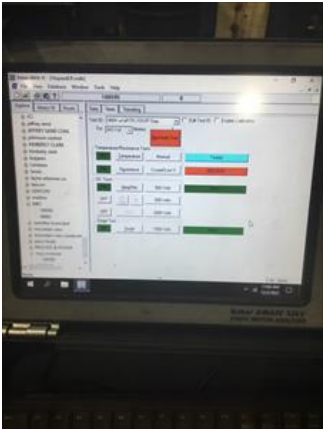
1-3

2-3

- 18. Perform Surge Test

(P) Pass

P35



- 19. Number of Stator Slots

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Mechanical Inspection



21. Drive End Bearing Number-

6308 2Z/C3

P8



22. Drive End Bearing Qty.

1

23. Drive End Bearing Type





(Ball) Ball Bearing

24. Drive End Lubrication Type

(Grease) Grease Lubricated

25. Drive End Bearing Insulation or Grounding Device?

none

26.	Drive End Wavy Washer/Snap-Ring Other Retention Device?	yes	P39
			
27.	Drive End Bearing Condition	replace	
28.	Opposite Drive End Bearing Number-	6308 2Z/C3	P48
 			
29.	Opposite Drive End Bearing Qty.	1	
30.	Opposite Drive End Bearing Type	(Ball) Ball Bearing	
31.	Opposite Drive End Lubrication Type	(Grease) Grease Lubricated	
32.	Opposite Drive End Bearing Insulation or Grounding Device?	none	
33.	Opposite Drive End Wavy Washer/Snap-Ring Other Retention Device?	none	
34.	Opposite Drive End Bearing Condition	replace	P58
			
35.	Drive End Seal	40*55*7	P60

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36. Opposite Drive End Seal

40*55*7

P61



Rotor Inspection



37. Rotor Type/Material

P3



38. Growler Test

(Pass) Pass

39. Number of Rotor Bars

40. Rotor Condition

pass

41. List the Parts needed for the Repair Below

*308 sleeve for D.E. housing. Repair ODE shaft bearing journal. 2 ea lip seals for DE and ODE housings.
40*55*7*

42. Signature of Technician that Disassembled Motor

Terrence Holland


Mechanical Fits- Rotor43. Shaft Runout **0.001 inches**

44. Rotor Runout

Drive End Bearing Fit

Rotor Body

Opposite Drive End Bearing

45. Coupling Fit Closest to Bearing Housing

0 Degrees

90 Degrees

120 Degrees

46. Coupling Fit Closest to the end of the Shaft

0 Degrees

60 Degrees

120 Degrees

47. Drive End Bearing Shaft Fit

0 Degrees

60 Degrees

120 Degrees

1.575**1.5749****1.5748**● 48. Drive End Bearing Shaft Fit Condition **(P) Pass**

49. Opposite Drive End Bearing Shaft Fit

0 Degrees

60 Degrees

120 Degrees

1.5747**1.5748****1.5747**● 50. Opposite Drive End Bearing Shaft Fit Condition **(F) Fail**

51. Shaft Air Seal Fits

Drive End Air Seal

Opposite Drive End Air Seal

Mechanical Fits- Bearing Housings

52. Drive End - Endbell Bearing Fit

0 Degrees

60 Degrees

120 Degrees



53. Drive End - Endbell Bearing Fit Condition

(F) Fail

P10

Pitted



54. Opposite Drive End - Endbell Bearing Fit

0 Degrees

60 Degrees

120 Degrees

3.5436

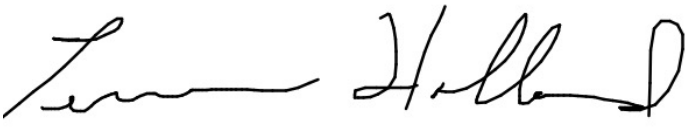
3.5437

3.5436

55. Opposite Drive End - Endbell Bearing Fit Condition

(P) Pass

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56. Bearing Cap Condition	Drive End Bearing Cap	Opposite Drive End Bearing Cap
57. End Bell Air Seal Fits	Drive End Air Seal	Opposite Drive End Air Seal
58. List Machine Work Needed Below	<i>Sleeve D.E. housing fit. ODE shaft bearing journal worn.</i>	
59. Technician	<div style="text-align: right;">Terrence. Holland</div> 	
Root Cause of Failure		
60. Failure locations	<i>DE housing fit. ODE shaft bearing journal worn.</i>	
61. Root cause of failure		