Hi-Speed Industrial Service
7030 Ryburn Dr
Millington, Tn 38053
901-873-5300

AC Recondition Repair Report

FolderID: 100300
FormID: 14579154

Bryce Corporation (10053-BRC)
450 S. Benton
Searcy, AR 72143

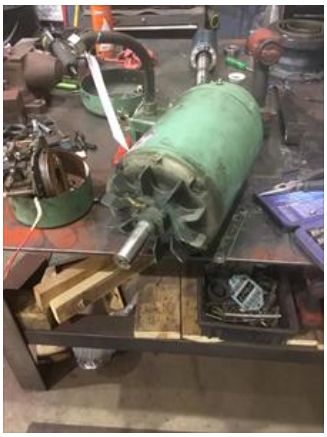
Priorities Found: **1 - High** **10 - Good**

General

1.	Job Number	**100300**	
2.	Report Date		
3.	Customer	**BRYCE**	

Name Plate Information

4.	Manufacturer	**BALDOR**	P5



5.	Model	**30109233**
6.	Serial Number	**P1-93**
7.	Horsepower	**2**
8.	KW	
9.	Volts	**460**
10.	Amps	**3**
11.	RPM	**1140**
12.	Frame	**184T**
13.	Enclosure	**TE**
14.	Cycles	**60**
15.	Phase	**3**
16.	Service Factor	**1.15**
17.	Motor Mount Position	

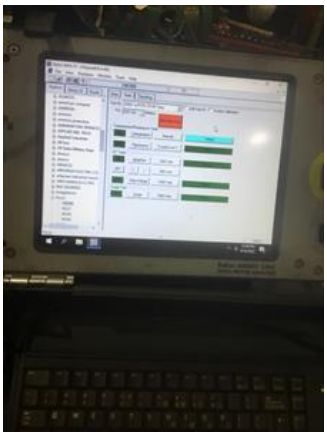
Initial Inspection

18.	Number of Leads	
19.	Lead Length	
20.	Lead Size	
21.	Lead Condition	
22.	Lead Markings	
23.	Lug Size, Condition, and Type	
24.	Winding RTD's	
25.	Winding Rtd's Condition	
26.	Shaft Run Out	

27.	Does Shaft Turn Freely		
28.	Does Shaft Have Visible Damage		
29.	Bearing Rtd's		
30.	Bearing Rtd's Condition		
31.	Contamination		
32.	Frame Condition		
33.	Fan Condition		
34.	Broken or missing components		

Initial Electric Test

35.	Resistance to Ground		
36.	Winding Resistance 1-2		
37.	Winding Resistance 2-3		
38.	Winding Resistance 1-3		
39.	Resistive Imbalance		
40.	Hi-Pot		
41.	Surge Test	**(P) Pass**	P58



42.	Stator Condition	**pass**	
43.	Failure Location		

Initial Rotor Inspection

44.	Rotor Type		P4

45.	Air Gap <10% Variation		
46.	Number of Rotor Bars		
47.	Number of Broken Rotor Bars		

48.	Growler Test	**(P) Pass**	
49.	Rotor Condition	**(P) Pass**	
Mechanical Inspection			
50.	Bearing Manufacture	**NTN**	
51.	Bearing DE Size	**6206 C3**	
52.	Bearing DE Type		P23

53.	DE Bearing Qty.	**1**	
54.	Bearing ODE Size	**6205Z**	
55.	Bearing ODE Type		
56.	ODE Bearing Qty.	**1**	
57.	Insulated Bearing	**no**	
58.	Lubrication Type	**grease**	
59.	Grease Condition	**(F) Fail**	
60.	Bearing Retainers	**(NA) Not Applicable**	
61.	Shaft Grounding Device	**(NA) Not Applicable**	
62.	DE Seal	**(NA) Not Applicable**	
63.	DE Seal Type/Size		
64.	ODE Seal	**(NA) Not Applicable**	
65.	ODE Seal Type/Size		
Root Cause of Failure			
66.	Component Failure		
67.	Cause of Failure		
68.	Comments		
69.	Service Technician		
Machine Fit Inspection Report			
70.	Shaft Run Out	**(P) Pass**	
71.	Initial Shaft Run Out		
72.	Final Shaft Run Out		
73.	DE Bearing Shaft Fit	**(P) Pass**	
74.	DE Initial Shaft Bearing Fit Size 1	**1.1812 "**	
75.	DE Initial Shaft Bearing Fit Size 2	**1.1812 "**	
76.	DE Initial Shaft Bearing Fit Size 3	**1.1812 "**	
77.	DE Finial Shaft Bearing Fit Size 1		
78.	DE Finial Shaft Bearing Fit Size 2		
79.	DE Finial Shaft Bearing Fit Size 3		
80.	ODE Bearing Shaft Fit	**(P) Pass**	

	81.	ODE Initial Shaft Bearing Fit Size 1	**0.9845 "**
	82.	ODE Initial Shaft Bearing Fit Size 2	**0.9845 "**
	83.	ODE Initial Shaft Bearing Fit Size 3	**0.9846 "**
	84.	ODE Finial Shaft Bearing Fit Size 1	
	85.	ODE Finial Shaft Bearing Fit Size 2	
	86.	ODE Finial Shaft Bearing Fit Size 3	
	87.	DE Air Seal Shaft Fit	
	88.	DE Initial Air Seal Shaft Size	
	89.	DE Final Air Seal Shaft Size	
	90.	ODE Air Seal Shaft Fit	
	91.	ODE Initial Air Seal Shaft Size	
	92.	ODE Final Air Seal Shaft Size	
●	93.	DE Endbell Fit	**(P) Pass**
	94.	DE Initial Endbell Fit Size 1	**2.835 "**
	95.	DE Initial Endbell Fit Size 2	**2.8348 "**
	96.	DE Initial Endbell Fit Size 3	**2.8347 "**
	97.	DE Final Endbell Fit Size 1	
	98.	DE Finial Endbell Fit Size 2	
	99.	DE Final Endbell Fit Size 3	
	100.	DE Endbell Fit Insulated	**(NA) Not Applicable**
	101.	DE Endbell Air Seal Fit	
	102.	Initial Endbell Air Seal Fit Size	
	103.	Finial Endbell Air Seal Fit Size	
●	104.	ODE Endbell Fit	**(P) Pass**
	105.	ODE Initial Endbell Fit Size 1	**2.0476 "**
	106.	ODE Initial Endbell Fit Size 2	**2.0475 "**
	107.	ODE Initial Endbell Fit Size 3	**2.0476 "**
	108.	ODE Final Endbell Fit Size 1	
	109.	ODE Final Endbell Fit Size 2	
	110.	ODE Final Endbell Fit Size 3	
	111.	ODE Endbell Fit Insulated	**(NA) Not Applicable**
	112.	ODE Endbell Air Seal Fit	
	113.	ODE Initial Endbell Seal Fit Size	
	114.	ODE Finial Endbell Seal Fit Size	
●	115.	Foot Flatness	**(NA) Not Applicable**
●	116.	Foot Condition	**(NA) Not Applicable**
	117.	Flange Condition	
	118.	Service Technician	**Terrence. Holland**

Balancing Report

	119.	Balance Type	
	120.	Balance Operating Speed	
	121.	Start Left End	
	122.	Start Right End	

123.	Balancing Specification
124.	Finish Left End
125.	Finish Right End
126.	Service Technician
Assembly and Final Test	
127.	Meggar Testing Reading
128.	Surge Test
129.	Hi-Pot
130.	Winding Resistance 1-2
131.	Winding Resistance 2-3
132.	Winding Resistance 1-3
133.	Test Run Voltage Phase A
134.	Test Run Amps A
135.	Test Run Voltage Phase B
136.	Test Run Amps B
137.	Test Run Voltage Phase C
138.	Test Run Amps C
139.	DE Horizontal Vibration Reading
140.	DE Vertical Vibration Reading
141.	DE Axial Vibration Reading
142.	ODE Horizontal Vibration Reading
143.	ODE Vertical Vibration Reading
144.	ODE Axial Vibration Reading
145.	Ambient Temp at start of Test Run
146.	Temp at 5 minutes
147.	Temp at 10 minutes
148.	Temp at 15 minutes
149.	Temp at 20 minutes
150.	Temp at 25 minutes
151.	Temp at 30 minutes
152.	Temp at 35 minutes
153.	Temp at 40 minutes
154.	Temp at 45 minutes
155.	Temp at 50 minutes
156.	Temp at 55 minutes
157.	Temp at 60 minutes
158.	Motor Paint
159.	Service Technician