

LR Motor Shop Repairs

Job Number 100570

Prepared for Kimberly Clark (10176-KCM)

500 Murphy Dr. Maumelle AR 72113

Table of Contents

AC Recondition Repair Report	1.0
AC Recondition Repair Report	2.0

Hi-Speed Industrial Service disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Hi-Speed. Hi-Speed shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

Printed on 11/17/2022 Powered by INSPECTALL Table of Contents



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

> FolderID: 100570 FormID: 15181825

AC Recondition Repair Report

Kimberly Clark (10176-KCM) 500 Murphy Dr. Maumelle, AR 72113

Priorities Found: 1 - High

15 - Good

1 11011110	5 1 July 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Gene	General	
1.	Job Number	100570
2.	Report Date	
3.	Customer	KIMBERLY CLARK
Name	Plate Information	
4.	Manufacturer	BALDOR



















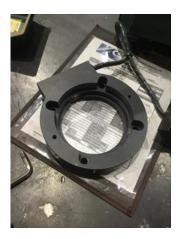






























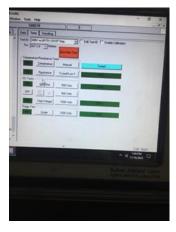






5.	Model	L3311A
6.	Serial Number	S9015744-001002 6L
7.	Horsepower	40
8.	KW	
9.	Volts	460
10.	Amps	51
11.	RPM	1770
12.	Frame	FL2173Z
13.	Enclosure	TEAO
14.	Cycles	60

15. Phase 3 16. Service Factor 1.0 17. Motor Mount Position 1.0 nitial Inspection 8 18. Number of Leads 6 19. Lead Length 14 Inches 20. Lead Size 14 Inches 21. Lead Condition (P) Pass 22. Lead Markings 1-6 23. Lug Size, Condition, and Type 4 24. Winding RtD's 4 25. Winding Rtd's Condition 2 26. Shaft Run Out 7 27. Does Shaft Have Visible Damage na 28. Does Shaft Have Visible Damage na 29. Bearing Rtd's (NA) Not Applicable 30. Bearing Rtd's Condition (NA) Not Applicable 31. Contamination Na 32. Frame Condition (P) Pass 33. Fan Condition (P) Pass 34. Broken or missing components Na 35. Resistance to Ground 4 36. Winding Resistance 1-2 37. Winding Resistance 2-3 38. Winding Resistance 1-3 39. Resistive Imbalance 40. Hi-Pot (P) Pass	4.5	Ci.	
17. Motor Mount Position nitial Inspection 18. Number of Leads 6 19. Lead Length 14 Inches 20. Lead Size 14 Inches 21. Lead Condition (P) Pass 22. Lead Markings 1-6 23. Lug Size, Condition, and Type			3
Initial Inspection 18. Number of Leads 6 19. Lead Length 14 Inches 20. Lead Size (P) Pass 21. Lead Condition (P) Pass 22. Lead Markings 1-6 23. Lug Size, Condition, and Type Uriting Rtd's Condition 24. Winding RtD's Uriting Rtd's Condition 25. Winding Rtd's Condition yes 26. Shaft Run Out yes 27. Does Shaft Turn Freely yes 28. Does Shaft Have Visible Damage na 29. Bearing Rtd's Condition (NA) Not Applicable 30. Bearing Rtd's Condition (NA) Not Applicable 31. Contamination Prame Condition (P) Pass 32. Frame Condition (P) Pass 33. Fan Condition (P) Pass 34. Broken or missing components Prame Condition 35. Resistance to Ground Winding Resistance 1-2 36. Winding Resistance 1-2 Winding Resistance 1-3 39. Resistive Imbalance			1.0
18. Number of Leads 6 19. Lead Length 14 Inches 20. Lead Size Cead Condition (P) Pass 22. Lead Markings 1-6 23. Lug Size, Condition, and Type 2-1-6 24. Winding RTD's 2-1-6 25. Winding Rtd's Condition 2-1-6 26. Shaft Run Out 2-1-6 27. Does Shaft Turn Freely yes 28. Does Shaft Have Visible Damage na 29. Bearing Rtd's (NA) Not Applicable 30. Bearing Rtd's Condition (NA) Not Applicable 31. Contamination Na 32. Frame Condition (P) Pass 33. Fan Condition (P) Pass 34. Broken or missing components Na 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			
19. Lead Length 14 Inches 20. Lead Size (P) Pass 21. Lead Condition (P) Pass 22. Lead Markings 1-6 23. Lug Size, Condition, and Type		•	
20. Lead Size 21. Lead Condition (P) Pass 22. Lead Markings 1-6 23. Lug Size, Condition, and Type 24. Winding RTD's 25. Winding RTD's 26. Shaft Run Out 27. Does Shaft Turn Freely 28. Does Shaft Have Visible Damage na 29. Bearing Rtd's 30. Bearing Rtd's 30. Bearing Rtd's 31. Contamination 32. Frame Condition 33. Fan Condition 34. Probe or missing components 35. Resistance to Ground 36. Winding Resistance 1-2 37. Winding Resistance 2-3 38. Winding Resistance 1-3 39. Resistive Imbalance	18.	Number of Leads	6
21. Lead Condition (P) Pass 22. Lead Markings 1-6 23. Lug Size, Condition, and Type **** 24. Winding RTD's **** 25. Winding Rtd's Condition **** 26. Shaft Run Out **** 27. Does Shaft Turn Freely yes 28. Does Shaft Have Visible Damage na 29. Bearing Rtd's Condition (NA) Not Applicable 30. Bearing Rtd's Condition (NA) Not Applicable 31. Contamination (NA) Not Applicable 32. Frame Condition (P) Pass 33. Fan Condition (P) Pass 34. Broken or missing components (P) Pass 35. Resistance to Ground *** 36. Winding Resistance 1-2 *** 37. Winding Resistance 2-3 *** 38. Winding Resistance 1-3 *** 39. Resistive Imbalance ***	19.	Lead Length	14 Inches
22. Lead Markings 1-6 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 30. Contamination 30. Contamination 30. An	20.	Lead Size	
23. Lug Size, Condition, and Type 24. Winding RTD's 25. Winding Rtd's Condition 26. Shaft Run Out 27. Does Shaft Tum 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 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	21.	Lead Condition	(P) Pass
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 30. Bearing Rtd's Condition 31. Contamination 32. Frame Condition 33. Fan Condition 40. Pass 34. Broken or missing components 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	22.	Lead Markings	1-6
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 Na 32. Frame Condition (P) Pass 33. Fan Condition (P) Pass 34. Broken or missing components Na 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	23.	Lug Size, Condition, and Type	
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 Na 32. Frame Condition 33. Fan Condition 34. Frame Condition 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	24.	Winding RTD's	
27. Does Shaft Turn Freely 28. Does Shaft Have Visible Damage 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination Na 32. Frame Condition (P) Pass 33. Fan Condition (P) Pass 34. Broken or missing components Na nitial 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	25.	Winding Rtd's Condition	
28. Does Shaft Have Visible Damage 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination Na 32. Frame Condition 33. Fan Condition 34. Broken or missing components Na 35. Resistance to Ground 36. Winding Resistance 1-2 37. Winding Resistance 2-3 38. Winding Resistance 2-3 39. Resistive Imbalance 40. Hi-Pot	26.	Shaft Run Out	
29. Bearing Rtd's (NA) Not Applicable 30. Bearing Rtd's Condition (NA) Not Applicable 31. Contamination Na 32. Frame Condition (P) Pass 33. Fan Condition (P) Pass 34. Broken or missing components Na nitial 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	27.	Does Shaft Turn Freely	yes
30. Bearing Rtd's Condition Contamination Na Ra Resistance to Ground Winding Resistance 1-2 Winding Resistance 2-3 Resistive Imbalance (NA) Not Applicable (P) Pass (P) Pass	28.	Does Shaft Have Visible Damage	na
31. Contamination Na 32. Frame Condition 33. Fan Condition 34. Broken or missing components Na nitial 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	29.	Bearing Rtd's	(NA) Not Applicable
Na 32. Frame Condition (P) Pass 33. Fan Condition (P) Pass 34. Broken or missing components Na nitial 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	30.	Bearing Rtd's Condition	(NA) Not Applicable
32. Frame Condition 33. Fan Condition 34. Broken or missing components Na nitial 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	31.	Contamination	
33. Fan Condition 34. Broken or missing components Na nitial 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		Na	
34. Broken or missing components Na nitial 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	32.	Frame Condition	(P) Pass
nitial 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	33.	Fan Condition	(P) Pass
nitial 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	34.	Broken or missing components	
 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 		Na	
 36. Winding Resistance 1-2 37. Winding Resistance 2-3 38. Winding Resistance 1-3 39. Resistive Imbalance 40. Hi-Pot 	Initial	Electric Test	
 37. Winding Resistance 2-3 38. Winding Resistance 1-3 39. Resistive Imbalance 40. Hi-Pot 	35.	Resistance to Ground	
38. Winding Resistance 1-339. Resistive Imbalance40. Hi-Pot	36.	Winding Resistance 1-2	
39. Resistive Imbalance40. Hi-Pot	37.	Winding Resistance 2-3	
40. Hi-Pot	38.	Winding Resistance 1-3	
	39.	Resistive Imbalance	
41. Surge Test (P) Pass	40.	Hi-Pot	
	41.	Surge Test	(P) Pass



42. Stator Condition	pass
43. Failure Location	bearings and ODE shaft fit
Initial Rotor Inspection	

44.	Rotor Type	cast aluminum
45.	Air Gap <10% Variation	
46.	Number of Rotor Bars	
47.	Number of Broken Rotor Bars	0
4 8.	Growler Test	(P) Pass
4 9.	Rotor Condition	(P) Pass
Mech	anical Inspection	
50.	Bearing Manufacture	fag
51.	Bearing DE Size	6310
52.	Bearing DE Type	ball bearing
53.	DE Bearing Qty.	1
54.	Bearing ODE Size	6209
55.	Bearing ODE Type	ball bearing
56.	ODE Bearing Qty.	1
57.	Insulated Bearing	na
58.	Lubrication Type	grease
9 59.	Grease Condition	(P) Pass
6 0.	Bearing Retainers	(Y) Yes



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	bearings and ODE shaft bearing fit
67.	Cause of Failure	
	Wear	
68.	Comments	
	Recommend reconditioning, new bearings, and weld of flame spray ODE shaft bearing fit	

69. Service Technician Cw



NA I. '	no Et Inconstitue Barret	
	ne Fit Inspection Report	
_	Shaft Run Out	
71.		
72.	Final Shaft Run Out	
73.	3	(P) Pass
74.	DE Initial Shaft Bearing Fit Size 1	1.9689 "
75.	DE Initial Shaft Bearing Fit Size 2	1.9688 "
76.	DE Initial Shaft Bearing Fit Size 3	1.9689 "
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	(F) Fail
81.	ODE Initial Shaft Bearing Fit Size 1	1.7713 "
82.	ODE Initial Shaft Bearing Fit Size 2	1.7716 "
83.	ODE Initial Shaft Bearing Fit Size 3	1.7713 "
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	4.3318 "
95.	DE Initial Endbell Fit Size 2	4.3316 "
96.	DE Initial Endbell Fit Size 3	4.3318 "
97.		
98.	DE Finial Endbell Fit Size 2	
	DE Final Endbell Fit Size 3	
	DE Endbell Fit Insulated	
	DE Endbell Air Seal Fit	
	Initial Endbell Air Seal Fit Size	
	Finial Endbell Air Seal Fit Size	
	ODE Endbell Fit	(P) Pass
	ODE Initial Endbell Fit Size 1	3.3474 "
	ODE Initial Endbell Fit Size 2	3.3474 "
	ODE Initial Endbell Fit Size 3	3.3473 "
	ODE Final Endbell Fit Size 3 ODE Final Endbell Fit Size 1	3.3413
	ODE Final Endbell Fit Size 2	
110.	ODE Final Endbell Fit Size 3	

4.	4.4	
		ODE Endbell Fit Insulated
		ODE Endbell Air Seal Fit
	-	ODE Initial Endbell Seal Fit Size
		ODE Finial Endbell Seal Fit Size
_	_	Foot Flatness (P) Pass
_		Foot Condition (P) Pass
		Flange Condition (P) Pass Service Technician Cw
1	10.	Service Technician Cw
Bal	an	ing Report
1	19.	Balance Type
12	20.	Balance Operating Speed
12	21.	Start Left End
12	22.	Start Right End
12	23.	Balancing Specification
12	24.	Finish Left End
		Finish Right End
12	26.	Service Technician
Ass	sen	bly and Final Test
12	27.	Meggar Testing Reading
		Surge Test
		Hi-Pot
		Winding Resistance 1-2
		Winding Resistance 2-3
		Winding Resistance 1-3
		Test Run Voltage Phase A
		Test Run Amps A
		Test Run Voltage Phase B
		Test Run Amps B
		Test Run Voltage Phase C
		Test Run Amps C
		DE Horizontal Vibration Reading
		DE Vertical Vibration Reading DE Axial Vibration Reading
		ODE Horizontal Vibration Reading
		ODE Portical Vibration Reading ODE Vertical Vibration Reading
		ODE Axial Vibration Reading ODE Axial Vibration Reading
		Ambient Temp at start of Test Run
		Temp at 5 minutes
		Temp at 10 minutes
		Temp at 15 minutes
		Temp at 20 minutes
		Temp at 25 minutes
1,	٠٠.	Torrip at 20 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	



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

> FolderID: 100570 FormID: 15183848

AC Recondition Repair Report

Kimberly Clark (10176-KCM) 500 Murphy Dr. Maumelle, AR 72113

Priorities Found:

Service Factor Serv	Priorities	riorities Found:		
2. Report Date 3. Customer Name Plate Information 4. Manufacturer 5. Model 6. Serial Number 7. Horsepower 8. KW 9. Volts 10. Amps 11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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 Winding Rtd's Condition 26. Shaft Run Out 27. Does Shaft Turn Freely 28. Does Shaft Have Visible Damage 29. Bearing Rtd's Condition 31. Contamination 22. Frame Condition 33. Fan Condition	Gener	General		
Name Plate Information 4. Manufacturer 5. Model 6. Serial Number 7. Horsepower 8. KW 9. Volts 10. Amps 11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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 Have Visible Damage 28. Dees Shaft Tun Freely 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination 31. Contamination 32. Frame Condition 33. Fan Condition	1.	Job Number		
Name Plate Information 4. Manufacturer 5. Model 6. Serial Number 7. Horsepower 8. KW 9. Volts 10. Amps 11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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 26. Shaft Run Out 27. Does Shaft Tun Freely 28. Does Shaft Tun Freely 29. Bearing Rtd's 30. Bearing Rtd's 30. Bearing Rtd's 30. Contamination 31. Contamination 31. Fan Condition	2.	Report Date		
4. Manufacturer 5. Model 6. Serial Number 7. Horsepower 8. KW 9. Volts 10. Amps 11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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	3.	Customer		
5. Model 6. Serial Number 7. Horsepower 8. KW 9. Volts 10. Amps 11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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	Name	Plate Information		
6. Serial Number 7. Horsepower 8. KW 9. Volts 10. Amps 11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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 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	4.	Manufacturer		
7. Horsepower 8. KW 9. Volts 10. Amps 11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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 Turn Freely 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination 32. Frame Condition 33. Fan Condition	5.	Model		
8. KW 9. Volts 10. Amps 11. RPM 11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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 Turn Freely 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination 32. Frame Condition	6.	Serial Number		
9. Volts 10. Amps 11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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 Turn Freely 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination 32. Frame Condition 33. Fan Condition	7.	Horsepower		
10. Amps 11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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	8.	KW		
11. RPM 12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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 26. Shaft Run Out 27. Does Shaft Turn Freely 28. Does Shaft Have Visible Damage 29. Bearing Rtd's Condition 31. Contamination 32. Frame Condition 33. Farn Condition	9.	Volts		
12. Frame 13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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 Condition 30. Bearing Rtd's Condition 31. Contamination 32. Frame Condition	10.	Amps		
13. Enclosure 14. Cycles 15. Phase 16. Service Factor 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	11.	RPM		
14. Cycles 15. Phase 16. Service Factor 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 26. Shaft Run Out 27. Does Shaft Turn Freely 28. Does Shaft Turn Freely 29. Bearing Rtd's Condition 30. Bearing Rtd's Condition 31. Contamination 32. Frame Condition 33. Fan Condition	12.	Frame		
15. Phase 16. Service Factor 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	13.	Enclosure		
16. Service Factor 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	14.	Cycles		
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	15.	Phase		
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	16.	Service Factor		
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	17.	Motor Mount Position		
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	Initial	Inspection		
 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 	18.	Number of Leads		
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 31. Contamination 32. Frame Condition 33. Fan Condition	19.	Lead Length		
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	20.	Lead Size		
 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 	21.	Lead Condition		
 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 	22.	Lead Markings		
 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 	23.	Lug Size, Condition, and Type		
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				
 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 		-		
28. Does Shaft Have Visible Damage 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination 32. Frame Condition 33. Fan Condition				
 29. Bearing Rtd's 30. Bearing Rtd's Condition 31. Contamination 32. Frame Condition 33. Fan Condition 		·		
 30. Bearing Rtd's Condition 31. Contamination 32. Frame Condition 33. Fan Condition 				
31. Contamination32. Frame Condition33. Fan Condition				
32. Frame Condition 33. Fan Condition				
33. Fan Condition				
34. Broken or missing components				
	34.	Broken or missing components		

luitial	Floativia Toot
	Electric Test
	Resistance to Ground
	Winding Resistance 1-2
	Winding Resistance 2-3
	Winding Resistance 1-3
39.	Resistive Imbalance
	Hi-Pot
	Surge Test
	Stator Condition Failure Leasting
	Failure Location
	Rotor Inspection
	Rotor Type
	Air Gap <10% Variation
	Number of Rotor Bars
	Number of Broken Rotor Bars
	Growler Test
	Rotor Condition
	Anical Inspection
	Bearing Manufacture
	Bearing DE Size
	Bearing DE Type
	DE Bearing Qty.
	Bearing ODE Size
	Bearing ODE Type ODE Rearing Ott
	ODE Bearing Qty. Insulated Bearing
	Lubrication Type
	Grease Condition
	Bearing Retainers
	Shaft Grounding Device
	DE Seal
	DE Seal Type/Size
	ODE Seal
	ODE Seal Type/Size
	Cause of Failure
	Component Failure
	Cause of Failure
	Comments
	Service Technician
	ne Fit Inspection Report
	Shaft Run Out
	Initial Shaft Run Out
	Final Shaft Run Out
	DE Bearing Shaft Fit
	DE Initial Shaft Bearing Fit Size 1
	DE Initial Shaft Bearing Fit Size 2
	*

	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
81.	ODE Initial Shaft Bearing Fit Size 1
82.	ODE Initial Shaft Bearing Fit Size 2
83.	ODE Initial Shaft Bearing Fit Size 3
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
_	ODE Final Air Seal Shaft Size
	DE Endbell Fit
	DE Initial Endbell Fit Size 1
_	DE Initial Endbell Fit Size 2
	DE Initial Endbell Fit Size 3
	DE Final Endbell Fit Size 1
	DE Finial Endbell Fit Size 2
	DE Final Endbell Fit Size 3
	DE Endbell Fit Insulated
	DE Endbell Air Seal Fit
	Initial Endbell Air Seal Fit Size
	Finial Endbell Air Seal Fit Size
	ODE Endbell Fit
_	ODE Initial Endbell Fit Size 1
	ODE Initial Endbell Fit Size 2
	ODE Initial Endbell Fit Size 3
	ODE Final Endbell Fit Size 1
	ODE Final Endbell Fit Size 2
	ODE Final Endbell Fit Size 3
	ODE Endbell Fit Insulated
	ODE Endbell Air Seal Fit
	ODE Initial Endbell Seal Fit Size
	ODE Finial Endbell Seal Fit Size
	Foot Flatness
	Foot Condition
	Flange Condition
	Service Technician
	cing Report
	Balance Type
	Balance Operating Speed
	Start Left End
	Start Right End
122.	otart right End

123	Balancing Specification	
	Finish Left End	
	Finish Right End Service Technician	
Assembly and Final Test		
	Meggar Testing Reading	
	Surge Test	
	Hi-Pot	
	Winding Resistance 1-2	
	Winding Resistance 2-3	
	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	
	Temp at 60 minutes	
	Motor Paint	
159.	Service Technician	

Hi-Speed Industrial Service disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Hi-Speed. Hi-Speed shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.



STANDARD TERMS AND CONDITIONS FOR PURCHASE OF GOOD AND/OR SERVICES

- 1. APPLICABILITY. The sale of any and all goods and/or services by Mock, Inc. d/b/a Hi-Speed Industrial Service ("Hi-Speed") shall be specifically conditioned upon and subject to the following terms and conditions which are incorporated by reference into any contracts and purchase orders with Hi-Speed, and which shall form and become a part of any agreement related thereto. Buyer's acceptance of any offer or quotation made by Hi-Speed for sale of any goods or services is expressly made subject to the terms and conditions set forth herein and to be so effective, Buyer need not sign or approve these Terms and Conditions to be bound hereunder provided a copy of same is provided to Buyer through any means. None of the terms and conditions contained herein may be added to, expanded, changed, modified, superseded or otherwise altered except as revised in writing and duly executed by Hi-Speed, and all orders received by Hi-Speed shall be governed only by the terms and conditions contained herein, notwithstanding any terms, conditions or provisions of any purchase order, release order, authorization or any other form issued by the Buyer. Hi-Speed hereby objects to any additional, modified, changed, deleted, altered or other terms and conditions not contained herein and notifies Buyer that any such terms or provisions are expressly rejected by Hi-Speed.
- 2. PRICE. All quoted prices shall remain firm and binding for a period of thirty (30) days from the date of quotation or for the period specifically stated in the quotation. The price for any and all goods and/or services ordered or approved by Buyer after thirty (30) days from the date of any quotation are subject to any increase in price that may occur after the expiration of thirty (30) days from the issuance of the quotation and the date the Buyer releases any shipment.
- 3. SCOPE OF GOODS AND/OR SERVICES. The goods and/or services provided by Hi-Speed pursuant to any quotation shall be limited exclusively to those goods and/or services expressly identified therein. Hi-Speed does not assume any responsibility and/or liability for the failure to provide any other goods and/or services not identified in any quotation. Modifications, additions or deletions to or from the scope referenced in any quotation shall only bee effective if evidenced in writing and signed by Hi-Speed. The sale of any of all goods and/or services affected by such modification, addition or deletion shall be subject to these same Standard Terms and Conditions whether or not referenced therein.
- 4. <u>BILLING AND PAYMENT TERMS.</u> Hi-Speed shall invoice Buyer for all goods and/or services as same are rendered at the address listed on the quotation. Payments for all goods and/or services shall be due thirty (30) days from the date of the current invoice or as otherwise set forth in the quotation. Late payments are subject to a late fee of 5% of the total invoice amount. Recurring late payments may lead to a deposit requirement on future services or sale of goods. Buyer shall be liable to Hi-Speed for any and all fees and expenses incurred by Hi-Speed to collect any invoices or to enforce these Standard Terms and Conditions, including but not limited to, attorney's fees.
- 5. <u>DELIVERY OF GOODS AND/OR SERVICES.</u> Unless otherwise identified in the quotation, all shipments are F.O.B. Hi-Speed's warehouse and the title to and all risk of loss with respect to any goods shipped shall pass to Buyer when such goods are delivered to the carrier at Hi-Speed's warehouse. Hi-Speed will use its best efforts to affect delivery by the date or dates specified in the quotation. However, Hi-Speed shall not be liable for delay in or failure to make shipment, or to perform services, by any identified date for any reason whatsoever, including but not limited to, causes beyond its reasonable control, such as strikes, fires, floods, epidemics, quarantines, restrictions, severe weather, embargos, acts of God, or public enemy, war, riot, delays in transportation or the inability to obtain necessary labor, materials or manufacturing facilities.
- **DELIVERY SITE AND TIME FOR PERFORMANCE.** Hi-Speed and Buver agree that time is of the essence for the purchase order and that Buyer shall fully cooperate with Hi-Speed in order to allow Hi-Speed full access to prosecute its work diligently and in an orderly manner. Buyer shall assist Hi-Speed in every way possible to avoid delaying, disrupting or interfering with the progress of Hi-Speed's work at the project site. In the event Hi-Speed's work is delayed, hindered, suspended, disrupted, re-sequenced or interfered with or rendered less efficient or more costly or adversely affected in any way as a result of acts or omissions of Buyer or other contractors or employees of Buyer or by any other reason beyond Hi-Speed's control and without the fault of Hi-Speed, then, in such event, Buyer shall be liable to Hi-Speed for any damages, additional costs, expenses, labor, materials, man hours, acceleration costs, overtime, additional jobsite overhead, extended home office overhead, and any and all other direct and indirect expenses of whatsoever nature or kind, caused in whole or in part, as a result of any of the above-referenced occurrences. Hi-Speed's project records will be the basis for computing the additional costs and damages of Hi-Speed's labor, materials, expenses and overhead related to such changes. BUYER WARRANTS THAT THE SITE FOR DELIVERY OR INSTALLATION OF ANY GOODS AND/OR FOR THE PERFORMANCE OF ANY SERVICES SHALL BE READY AND ADEQUATE FOR HI-SPEED'S DELIVERY OF GOODS AND/OR PERFORMANCE OF SERVICES AND THAT HI-SPEED SHALL HAVE FULL ACCESS THERETO, FREE OF ALL OBSTRUCTIONS. BUYER SHALL ASSUME ALL EXTRA COSTS ASSOCIATED WITH HI-SPEED'S INABILITY TO INSTALL ANY GOODS OR PERFORM ANY SERVICES AS A RESULT OF BUYER'S FAILURE TO COMPLY WITH THIS PROVISION. HI-SPEED MAY NOT INSPECT THE SITE PRIOR TO DELIVERY AND/OR INSTALLATION OF GOODS AND/OR PERFORMANCE OF SERVICES AND MAKES NO WARRANTY AS TO THE SUFFICIENCY OF THE SITE FOR THE DELIVERY AND/OR INSTALLATION OF GOODS AND/OR THE PERFORMANCE OF SERVICES AT SUCH SITE.
- 7. INSPECTION/ACCEPTANCE. All goods and services ordered pursuant to any quotation shall be subject to inspection by Buyer after delivery or performance to determine conformity with the quotation and/or purchase order and Hi-Speed's advertised or published specifications. Buyer shall have a period of thirty (30) days from shipment of goods at the delivery destination specified in the quotation within which to inspect the goods for conformity with the quotation, order and/or Hi-Speed's advertised and published specifications and to provide Hi-Speed with written notice of any discrepancy or rejection. Buyer shall have a period of thirty (30) days following completion of any services within which to inspect the services for conformity with the quotation, purchase order and/or Hi-Speed's advertised and published specifications and to provide Hi-Speed with written notice of any discrepancy or rejection. If the goods delivered or services performed do not so conform, upon delivery of notice to Hi-Speed of any discrepancy, nonconformance or rejection, Hi-Speed shall have sixty (60) days to cure the alleged discrepancy and/or nonconformance. If Hi-Speed fails to cure in this time period, Buyer shall have the right to reject such goods or services. After the cure period, goods that have been delivered and rejected, in whole or in part, shall be returned to Hi-Speed. Buyer shall notify Hi-Speed and arrange for the return of the goods as required. Should such non-conforming services be rejected Hi-Speed shall, at its sole cost, re-perform the non-conforming services. Inspection or failure to inspect on any occasion shall not affect Buyer's rights under the warranty provisions herein.
- 8. WARRANTIES. Hi-Speed warrants that all goods shall conform in all material aspects to the goods identified in the quotation to Buyer and/or purchase order, and Hi-Speed makes to Buyer the manufacturer's express warranty for any goods sold to Buyer, which is offered by the manufacturer at the time of acceptance of any quotation by Buyer. This warranty is conditioned upon the installation, operation, and maintenance of the goods in accordance with the manufacturer's recommendations and/or standard industry practice and the goods at all times being operated or used under normal operating conditions for which they were designed. Hi-Speed, at its sole option, will repair or

replace any defective or non-conforming goods in accordance with the applicable manufacturer's warranty. Warranty for any defective or incorrect parts is limited to the repair or replacement of those parts. Hi-Speed warrants that all services will conform in all material respects to the description of services identified in the quotation and will be performed in a good and workmanlike manner in accordance with industry practices and standards. Should the services be reasonably rejected or not conform with the foregoing warranties, Hi-Speed shall, at its sole cost, re-perform the defective or nonconforming services. Notwithstanding the foregoing, these warranties do not extend to goods or services to the extent that such goods have been subject to misuse, neglect or abuse not caused by Hi-Speed or have been used in violation of the approved written instructions furnished to Buyer. THE FOREGOING REPRESENTS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY HI-SPEED WITH RESPECT TO ALL GOODS SOLD AND IS IN LIEU OF ALL OTHER WARRANTIES EITHER EXPRESS OR IMPLIED. HI-SPEED EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICLAR USE OR PURPOSE. BUYER WAIVES ANY CLAIM THAT THESE EXCLUSIONS OR LIMITATIONS DEPRIVE IT OF AN ADEQUATE REMEDY AT EQUITY OR LAW OR CAUSE THIS AGREEMENT TO FAIL IN ITS ESSENTIAL PURPOSE. BUYER SHALL BE ENTITLED TO NO OTHER REMEDY OTHER THAN AS SET FORTH HEREIN, REGARDLESS OF THE CLAIM OR CAUSE OF ACTION, WHETHER BASED IN CONTRACT, TORT, NEGLIGENCE, GOODS LIABILITY, STRICT LIABILITY OR OTHERWISE.

- 9. <u>LIMITATION OF DAMAGES.</u> HI-SPEED SHALL HAVE NO LIABILITY TO BUYER WITH RESPECT TO THE SALE OR DELIVERY OF ANY GOODS OR THE REPAIR THEREOF OR WITH RESPECT TO THE SALE OR PERFORMANCE OF ANY SERVICES, FOR LOST PROFITS, SPECIAL, CONSEQUENTIAL, EXEMPLARY, PUNITIVE OR INCIDENTAL DAMAGES OF ANY KIND OR NATURE WHETHER ARISING IN CONTRACT, TORT, GOODS LIABILITY OR OTHERWISE, EVEN IF HI-SPEED WAS ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGES. HI-SPEED SHALL NOT BE LIABLE FOR ANY DAMAGES OR DELAYS CAUSED BY ANY FAILURE TO MAKE ANY DELIVERY OF GOODS BY ANY EXPECTED TIME OR DATE OR THE FAILURE TO PROVIDE OR COMPLETE ANY SERVICES BY ANY EXPECTED DATE OR TIME. IN NO EVENT SHALL HI-SPEED BE LIABLE TO BUYER FOR ANY DAMAGES WHATSOEVER IN EXCESS OF THE TOTAL PRICE PAID FOR ALL GOODS AND/OR SERVICES HEREUNDER OR REFERENCED IN ANY QUOTATION OR THE PURCHASE ORDER.
- 10. <u>SEVERABILITY.</u> The partial or complete invalidity of any provision of these Standard Terms and Conditions shall not affect the enforceability of the remainder of these Standard Terms and Conditions. If any provision is found to be invalid or unenforceable, that portion shall be modified to make it enforceable or shall be stricken and the remainder of these Standard Terms and Conditions shall enforced.
- 11. **GOVERNING LAW AND JURISDICTION.** Any controversy arising out of any quotation, the purchase order, the goods sold or delivered, repair or replacement thereof, or any services provided pursuant to any quotation or any purchase order, or these Standard Terms and Conditions shall be governed by the laws of the state of Tennessee without regard to any choice of law provisions and any cause of action related in any manner thereto shall be brought only in the state or federal courts of Shelby County, Tennessee.
- 12. ABANDONED EQUIPMENT. Hi-Speed requires that Buyer promptly pick up or provide shipment instructions for Buyer equipment or other Buyer property in Hi-Speed's possession. If equipment or other Buyer property is left with Hi-Speed and not picked up within six (6) months after Hi-Speed's final action related to the applicable property (e.g. evaluation, teardown, estimate, completion of services), Hi-Speed will consider such property abandoned and may dispose of it in accordance with applicable law. Buyer agrees to hold Hi-Speed harmless for any damage or claim for such abandoned property and acknowledges that Hi-Speed may discard or recycle it at Hi-Speed's sole and absolute discretion. Specifically, Hi-Speed may sell Buyer's abandoned property at a private or public sale and retain the proceeds to offset Hi-Speed's storage, inspection and servicing costs. For the avoidance of doubt, Hi-Speed reserves its statutory and other lawful liens for unpaid charges related to abandoned property.
- 13. FORCE MAJEURE. Neither party shall be responsible for any delay or failure in performance of any party of the quotation, purchase order or these Standard Terms and Conditions to the extent that such delays or failures are caused by fire, flood, earth quake, explosion, war, embargo, government requirement, civil or military authority, acts of God, or any other circumstances beyond its reasonable control and not involving any fault or negligence on the party affected ("Condition"). If any such Condition occurs, the party delayed or unable to perform shall promptly give written notice to the other party and, if such Condition remains at the end of thirty (30) days, the party affected by the other party's delay and inability to perform may elect to (i) terminate such order or part thereof, or (ii) suspend the order for the duration of the Condition, if the Buyer is the suspending party, buy elsewhere comparable material to be sold under the order and apply to any commitment the purchase price of such purchase, and resume performance of the order once the Condition ceases, with an option in the affected party to extend the period of this order up to the length of the time the Condition endures.
- 14. <u>NONWAIVER.</u> No course of dealing or failure of either party to strictly enforce any term, right, or condition of these Standard Terms and Conditions will be construed as a waiver of such term, right or condition. Any waiver by Hi-Speed will only be in writing and will waive no succeeding breach of a term, right or condition.
- 15. **ASSIGNMENT.** The rights and obligations of the parties shall neither be assigned nor delegated without the prior written consent of the other party. However, any party may assign or delegate its respective rights and obligations, in whole or in part, (i) to any subsidiary, (ii) pursuant to other financing, merger or reorganization or (iii) pursuant to any sale or transfer of substantially all of the assets of the assigning party. These Standard Terms and Conditions shall bind the heirs, successors and assigns of the parties hereto.
- 16. NO INDIVIDUAL LIABILITY. Notwithstanding any other agreement to the contrary, the Buyer agrees that in no event will the Buyer hold and HI-Speed owner, director, officer or employee personally liable for unintentional tortious conduct or conduct that constitutes the breach of any contract between HI-Speed and the Buyer, even if the HI-Speed owner, director, officer or employee is or could be construed to be a party to such contract.