

## EVERY DAY SINCE 1946

**Motor Shop Repairs** 

## Job Number 98455

Prepared for Highland Pellets (012194)

5601 Industrial Dr North Pine Bluff AR 71602

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AC Recondition Repair Report



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

**EP.MA MOTOR** 

#### **AC Recondition Repair Report**

FolderID: 98455 FormID: 11139682

Highland Pellets (012194) 5601 Industrial Dr North

Pine Bluff, AR 71602

#### Priorities Found: **12 - Good**

General		
1. Job Number	98455	
2. Report Date	7/16/2021	
3. Customer	12194	
Name Plate Information		

4. Manufacturer















5. Model       HN1521910         6. Serial Number       1         7. Horsepower       1         8. KW       1         9. Volts       3.06         10. Amps       3.06         11. RPM       1730         12. Frame       N-80M         13. Enclosure       TEFC         14. Cycles       TEFC         15. Phase       3         16. Service Factor       1.15         17. Motor Mount Position       1         Initial Inspection         18. Number of Leads       9         19. Lead Length       9 Inches         20. Lead Size       20         21. Lead Condition       (P) Pass         22. Lead Markings       1-9         23. Lug Size, Condition, and Type       1-9         24. Winding RTD's       (NA) Not Applicable         25. Winding RtD's Condition       (NA) Not Applicable			
7.       Horsepower       1         8.       KW         9.       Volts         10.       Amps       3.06         11.       RPM       1730         12.       Frame       N-80M         13.       Enclosure       TEFC         14.       Cycles       3         15.       Phase       3         16.       Service Factor       1.15         17.       Motor Mount Position       1.15         18.       Number of Leads       9         19.       Lead Length       9 Inches         20.       Lead Size       20         21.       Lead Condition       (P) Pass         22.       Lead Markings       1-9         23.       Lug Size, Condition, and Type       1-9         24.       Winding RTD's       (NA) Not Applicable	5.		HN1521910
8.       KW         9.       Volts         10.       Amps       3.06         11.       RPM       1730         12.       Frame       N-80M         13.       Enclosure       TEFC         14.       Cycles       3         15.       Phase       3         16.       Service Factor       1.15         17.       Motor Mount Position       115         17.       Motor Mount Position       9         18.       Number of Leads       9         19.       Lead Length       9 Inches         20.       Lead Size       20         21.       Lead Condition       (P) Pass         22.       Lead Markings       1-9         23.       Lug Size, Condition, and Type       1-9         24.       Winding RTD's       (NA) Not Applicable	6.	Serial Number	
9. Volts       3.06         10. Amps       3.06         11. RPM       1730         12. Frame       N-80M         13. Enclosure       TEFC         14. Cycles       3         15. Phase       3         16. Service Factor       1.15         17. Motor Mount Position       1.15         17. Motor Mount Position       9         18. Number of Leads       9         19. Lead Length       9 Inches         20. Lead Size       20         21. Lead Condition       (P) Pass         22. Lead Markings       1-9         23. Lug Size, Condition, and Type       1-9         24. Winding RTD's       (NA) Not Applicable	7.	Horsepower	1
10. Amps       3.06         11. RPM       1730         12. Frame       N-80M         13. Enclosure       TEFC         14. Cycles       3         15. Phase       3         16. Service Factor       1.15         17. Motor Mount Position       1.15         17. Motor Mount Position       9         18. Number of Leads       9         19. Lead Length       9 Inches         20. Lead Size       20         21. Lead Condition       (P) Pass         22. Lead Markings       1-9         23. Lug Size, Condition, and Type       1-9         24. Winding RTD's       (NA) Not Applicable	8.	KW	
11.       RPM       1730         12.       Frame       N-80M         13.       Enclosure       TEFC         14.       Cycles       3         15.       Phase       3         16.       Service Factor       1.15         17.       Motor Mount Position       1.15         17.       Motor Mount Position       9         18.       Number of Leads       9         19.       Lead Length       9 Inches         20.       Lead Size       20         21.       Lead Condition       (P) Pass         22.       Lead Markings       1-9         23.       Lug Size, Condition, and Type       1-9         24.       Winding RTD's       (NA) Not Applicable	9.	Volts	
12.FrameN-80M13.EnclosureTEFC14.Cycles315.Phase316.Service Factor1.1517.Motor Mount Position1.1517.Motor Mount Position918.Number of Leads919.Lead Length9 Inches20.Lead Size2021.Lead Condition(P) Pass22.Lead Markings1-923.Lug Size, Condition, and Type(NA) Not Applicable	10.	Amps	3.06
13. EnclosureTEFC14. Cycles315. Phase316. Service Factor1.1517. Motor Mount Position1.15Initial Inspection18. Number of Leads919. Lead Length9 Inches20. Lead Size2021. Lead Condition(P) Pass22. Lead Markings1-923. Lug Size, Condition, and Type(NA) Not Applicable	11.	RPM	1730
14. Cycles15. Phase316. Service Factor1.1517. Motor Mount Position1.15Initial Inspection18. Number of Leads919. Lead Length9 Inches20. Lead Size2021. Lead Condition(P) Pass22. Lead Markings1-923. Lug Size, Condition, and Type1.424. Winding RTD's(NA) Not Applicable	12.	Frame	N-80M
15.Phase316.Service Factor1.1517.Motor Mount Position1Initial Inspection18.Number of Leads919.Lead Length9 Inches20.Lead Size2021.Lead Condition(P) Pass22.Lead Markings1-923.Lug Size, Condition, and Type(NA) Not Applicable	13.	Enclosure	TEFC
16.Service Factor1.1517.Motor Mount PositionInitial Inspection18.Number of Leads19.Lead Length20.Lead Size21.Lead Condition22.Lead Markings23.Lug Size, Condition, and Type24.Winding RTD's(NA) Not Applicable	14.	Cycles	
17. Motor Mount PositionInitial Inspection18. Number of Leads919. Lead Length9 Inches20. Lead Size2021. Lead Condition(P) Pass22. Lead Markings1-923. Lug Size, Condition, and Type(NA) Not Applicable	15.	Phase	3
Initial Inspection18. Number of Leads19. Lead Length20. Lead Size21. Lead Condition22. Lead Markings23. Lug Size, Condition, and Type24. Winding RTD's(NA) Not Applicable	16.	Service Factor	1.15
18.Number of Leads919.Lead Length9 Inches20.Lead Size2021.Lead Condition(P) Pass22.Lead Markings1-923.Lug Size, Condition, and Type(NA) Not Applicable24.Winding RTD's(NA) Not Applicable	17.	Motor Mount Position	
19. Lead Length9 Inches20. Lead Size2021. Lead Condition(P) Pass22. Lead Markings1-923. Lug Size, Condition, and Type(NA) Not Applicable	Initial	Inspection	
20. Lead Size2021. Lead Condition(P) Pass22. Lead Markings1-923. Lug Size, Condition, and Type(NA) Not Applicable24. Winding RTD's(NA) Not Applicable	18.	Number of Leads	9
21. Lead Condition(P) Pass22. Lead Markings1-923. Lug Size, Condition, and Type24. Winding RTD's24. Winding RTD's(NA) Not Applicable	19.	Lead Length	9 Inches
22. Lead Markings1-923. Lug Size, Condition, and Type24. Winding RTD's(NA) Not Applicable	20.	Lead Size	20
23. Lug Size, Condition, and Type         24. Winding RTD's         (NA) Not Applicable	21.	Lead Condition	(P) Pass
24. Winding RTD's (NA) Not Applicable	22.	Lead Markings	1-9
	23.	Lug Size, Condition, and Type	
25. Winding Rtd's Condition       (NA) Not Applicable	24.	Winding RTD's	(NA) Not Applicable
	25.	Winding Rtd's Condition	(NA) Not Applicable

26.	Shaft Run Out	
27.	Does Shaft Turn Freely	yes
28.	Does Shaft Have Visible Damage	no
29.	Bearing Rtd's	(NA) Not Applicable
30.	Bearing Rtd's Condition	(NA) Not Applicable
31.	Contamination	
32.	Frame Condition	(P) Pass
33.	Fan Condition	(P) Pass



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	(NA) Not Applicable
42.	Stator Condition	rewind



43. Failure Location

#### **Initial Rotor Inspection**

#### 44. Rotor Type



45. Air Gap <10% Variation         46. Number of Broken Rotor Bars         47. Number of Broken Rotor Bars         48. Growler Test         • 49. Rotor Condition       (P) Pass         Mechanical Inspection         50. Bearing Manufacture       NSK         51. Bearing DE Size       62042Z         52. Bearing ODE Size       62042Z         53. DE Bearing QV.       62042Z         54. Bearing ODE Size       62042Z         55. Bearing QV.       1         56. ODE Bearing QV.       1         57. Insulated Bearing       no         58. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         63. DE Seal Type/Size       62042Z         64. ODE Seal       62         65. OF Seal Type/Size       (NA) Not Applicable         66. Component Failure       66. Component Failure         67. Cause of Failure       68. Comments         68. Comments       9. Service Technician         Machine Fit Inspection Report       70. Shaft Run Out         71. Initial Shaft Run Out       71. Initial Shaft Run Out         73. DE Bearing Fiti       77. DE Initial Shaft Bearing Fit Size			
47. Number of Broken Rotor Bars         48. Growler Test         9. Rotor Condition       (P) Pass         Mechanical Inspection         50. Bearing Manufacture       NSK         51. Bearing DE Size       State         52. Bearing DE Type       State         53. DE Bearing Qty.       6204ZZ         55. Bearing ODE Type       ball bearing         56. ODE Bearing Qty.       1         57. Insulated Bearing       no         58. Lubrication Type       grease         • 59. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         62. DE Seal       65. ODE Seal Type/Size         76. ODE Seal Type/Size       66. Component Failure         76. Cause of Failure       66. Component Failure         77. Cause of Failure       69. Service Technician         Machine Fit Inspection Report       71. Initial Shaft Run Out         71. Initial Shaft Run Out       71. Initial Shaft Run Out         73. DE Bearing Shaft Fit       0	45.	Air Gap <10% Variation	
48. Growler Test         • 49. Rotor Condition       (P) Pass         Mechanical Inspection       NSK         50. Bearing Manufacture       NSK         51. Bearing DE Size       620         52. Bearing DE Type       6204ZZ         53. DE Bearing QDY.       6204ZZ         54. Bearing ODE Size       6204ZZ         55. Bearing QDE Type       ball bearing         66. ODE Bearing QLY.       1         57. Insulated Bearing       no         58. Lubrication Type       grease         69. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         62. DE Seal       63. DE Seal Type/Size         64. ODE Seal Type/Size       64. ODE Seal Type/Size         Root Cause of Failure       66. Component Failure         67. Cause of Failure       68. Comments         68. Comments       69. Service Technician         Machine Fit Inspection Report       70. Shaft Run Out         71. Initial Shaft Run Out       71. Initial Shaft Run Out         72. Final Shaft Run Out       72. Final Shaft Run Out         73. DE Bearing Shaft Fit       004	46.	Number of Rotor Bars	
• 49. Rotor Condition       (P) Pass         Mechanical Inspection       NSK         50. Bearing Manufacture       NSK         51. Bearing DE Size       Size         52. Bearing DE Type       52.         53. DE Bearing Qty.       6204ZZ         55. Bearing ODE Type       ball bearing         56. ODE Bearing Qty.       1         57. Insulated Bearing       no         58. Lubrication Type       grease         • 59. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         63. DE Seal Type/Size       Component Failure         64. ODE Seal       Component Failure         65. ODE Seal Type/Size       Geotex of Failure         66. Component Failure       Geotex of Failure         67. Cause of Failure       Geotex of Failure         68. Comments       Geotex of Failure         69. Service Technician       Machine Fit Inspection Report         70. Shaft Run Out       T1. Initial Shaft Run Out         71. Initial Shaft Run Out       T2. Final Shaft Run Out         72. Final Shaft Run Out       T3. DE Bearing Shaft Fit	47.	Number of Broken Rotor Bars	
Mechanical Inspection         50. Bearing Manufacture       NSK         51. Bearing DE Size       Size         52. Bearing DE Type       53. DE Bearing Qty.         53. DE Bearing Qty.       6204ZZ         55. Bearing ODE Type       ball bearing         56. ODE Bearing Qty.       1         57. Insulated Bearing       no         58. Lubrication Type       grease         • 59. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         62. DE Seal       62         63. DE Seal Type/Size       64. ODE Seal         64. ODE Seal       65. ODE Seal         65. ODE Seal Type/Size       66. Component Failure         66. Component Failure       66. Component Sailure         68. Comments       68. Comments         69. Service Technician       Machine Fit Inspection Report         70. Shaft Run Out       71. Initial Shaft Run Out         71. Initial Shaft Run Out       72. Final Shaft Run Out         72. Final Shaft Run Out       73. DE Bearing Shaft Fit	48.	Growler Test	
50. Bearing ManufactureNSK51. Bearing DE Size52. Bearing DE Type53. DE Bearing Qty.54. Bearing ODE Size6204ZZ55. Bearing ODE Typeball bearing56. ODE Bearing Qty.157. Insulated Bearingno58. Lubrication Typegrease• 59. Grease Condition(NA) Not Applicable60. Bearing Retainers(NA) Not Applicable61. Shaft Grounding Device(NA) Not Applicable63. DE Seal Type/Size6264. ODE Seal6265. ODE Seal Type/Size6366. Component Failure6667. Cause of Failure6868. Comments6969. Service Technician70Machine Fit Inspection Report7070. Shaft Run Out7171. Initial Shaft Run Out7273. DE Bearing Shaft Fit	49.	Rotor Condition	(P) Pass
51. Bearing DE Size         52. Bearing DE Type         53. DE Bearing Qty.         54. Bearing ODE Size       6204ZZ         55. Bearing ODE Type       ball bearing         56. ODE Bearing Qty.       1         57. Insulated Bearing       no         58. Lubrication Type       grease         • 59. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         62. DE Seal       (Sath Grounding Device         63. DE Seal Type/Size       College Seal         64. ODE Seal       Component Failure         66. Component Failure       66. Component Failure         67. Cause of Failure       68. Comments         68. Comments       Service Technician         Machine Fit Inspection Report       70. Shaft Run Out         71. Initial Shaft Run Out       71. Initial Shaft Run Out         72. Final Shaft Run Out       72. Final Shaft Run Out         73. DE Bearing Shaft Fit       Det Seal	Mecha	anical Inspection	
52. Bearing DE Type         53. DE Bearing Qty.         54. Bearing ODE Size       6204ZZ         55. Bearing ODE Type       ball bearing         56. ODE Bearing Qty.       1         57. Insulated Bearing       no         58. Lubrication Type       grease         • 59. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         62. DE Seal       (Satt Grounding Device)         63. DE Seal Type/Size       (Satt Grounding Device)         64. ODE Seal       (Satt Grounding Device)         65. ODE Seal       (Satt Grounding Device)         66. Component Failure       (Satt Grounding Device)         67. Cause of Failure       (Satt Grounding Device)         68. Comments       (Satt Grounding Device)         69. Service Technician       (Satt Grounding Device)         70. Shaft Run Out       (T)         71. Initial Shaft Run Out       (T)         72. Final Shaft Run Out       (T)         73. DE Bearing Shaft Fit       (Satt Grounding Device)	50.	Bearing Manufacture	NSK
53. DE Bearing Qty.         54. Bearing ODE Size       6204ZZ         55. Bearing ODE Type       ball bearing         56. ODE Bearing Qty.       1         57. Insulated Bearing       no         58. Lubrication Type       grease         • 59. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         62. DE Seal       (State Grounding Device         63. DE Seal Type/Size       (NA) Not Applicable         64. ODE Seal       Gomennt Failure         65. ODE Seal Type/Size       Gomennt Failure         66. Component Failure       Gomennts         69. Service Technician       Gomennts         69. Service Technician       Gomennts         69. Service Technician       Gomennts         70. Shaft Run Out       71. Initial Shaft Run Out         71. Initial Shaft Run Out       72. Final Shaft Run Out         72. Final Shaft Run Out       73. DE Bearing Shaft Fit	51.	Bearing DE Size	
54. Bearing ODE Size       6204ZZ         55. Bearing ODE Type       ball bearing         56. ODE Bearing Qty.       1         57. Insulated Bearing       no         58. Lubrication Type       grease         • 59. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         62. DE Seal       (NA) Not Applicable         63. DE Seal Type/Size       (NA) OE Seal         64. ODE Seal       (NA) Seal         65. ODE Seal Type/Size       (NA) Not Applicable         66. Component Failure       (NA) Not Applicable         67. Cause of Failure       (NA) Not Applicable         68. Comments       (NA) Not Applicable         69. Service Technician       (NA) Not Applicable         Machine Fit Inspection Report       (Na) Not Applicable         70. Shaft Run Out       (Na) Not Applicable         71. Initial Shaft Run Out       (Na) Not Applicable         72. Final Shaft Run Out       (Na) Not Applicable         73. DE Bearing Shaft Fit       (Na) Not Applicable	52.	Bearing DE Type	
55. Bearing ODE Type       ball bearing         56. ODE Bearing Qty.       1         57. Insulated Bearing       no         58. Lubrication Type       grease         59. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         62. DE Seal       (NA) Not Applicable         63. DE Seal Type/Size       (NA) Not Applicable         64. ODE Seal       (NA) Seal         65. ODE Seal Type/Size       (NA) Not Applicable         66. Component Failure       (NA) Not Applicable         67. Cause of Failure       (NA) Not Applicable         68. Comments       (NA) Not Applicable         69. Service Technician       (NA) Not Applicable         70. Shaft Run Out       (NA) Not Applicable         71. Initial Shaft Run Out       (NA) Not Applicable         72. Final Shaft Run Out       (NA) Not Applicable         73. DE Bearing Shaft Fit       (NA) Not Applicable	53.	DE Bearing Qty.	
56. ODE Bearing Qty.       1         57. Insulated Bearing       no         58. Lubrication Type       grease         • 59. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         62. DE Seal       (State Grounding Device)         63. DE Seal Type/Size       (NA) Not Applicable         64. ODE Seal       (State Grounding Device)         65. ODE Seal Type/Size       (State Grounding Device)         66. Component Failure       (State Grounding Device)         67. Cause of Failure       (State Grounding Device)         68. Comments       (State Grounding Device)         69. Service Technician       (State Grounding Device)         70. Shaft Run Out       (State Run Out)         71. Initial Shaft Run Out       (State Run Out)         72. Final Shaft Run Out       (State Run Out)         73. DE Bearing Shaft Fit       (State Run Out)	54.	Bearing ODE Size	6204ZZ
57.       Insulated Bearing       no         58.       Lubrication Type       grease         59.       Grease Condition       (NA) Not Applicable         60.       Bearing Retainers       (NA) Not Applicable         61.       Shaft Grounding Device       (NA) Not Applicable         62.       DE Seal       (NA) Not Applicable         63.       DE Seal       (NA) Not Applicable         64.       ODE Seal       (NA) Not Applicable         65.       ODE Seal Type/Size       (NA) Not Applicable         66.       Component Failure       (NA) Not Applicable         67.       Cause of Failure       (NA) Not Applicable         68.       Comments       (NA) Not Applicable         69.       Service Technician       (NA) Not Applicable         70.       Shaft Run Out       (NA) Not Applicable         71.       Initial Shaft Run Out       (NA) Not Applicable         72.       Final Shaft Run Out       (NA) Not Applicable         73.       DE Bearing Shaft Fit       (NA) Not Applicable	55.	Bearing ODE Type	ball bearing
58. Lubrication Type       grease         59. Grease Condition       (NA) Not Applicable         60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       (NA) Not Applicable         62. DE Seal       (Searrange Searrange Sea	56.	ODE Bearing Qty.	1
<ul> <li>59. Grease Condition         <ul> <li>(NA) Not Applicable</li> <li>(NA) Not Applicable</li> <li>(NA) Not Applicable</li> </ul> </li> <li>61. Shaft Grounding Device</li> <li>62. DE Seal</li> <li>63. DE Seal Type/Size</li> <li>64. ODE Seal</li> <li>65. ODE Seal Type/Size</li> <li>Root Cause of Failure</li> <li>66. Component Failure</li> <li>67. Cause of Failure</li> <li>68. Comments</li> <li>69. Service Technician</li> <li>Machine Fit Inspection Report</li> <li>70. Shaft Run Out</li> <li>71. Initial Shaft Run Out</li> <li>72. Final Shaft Run Out</li> <li>73. DE Bearing Shaft Fit</li> </ul>	57.	Insulated Bearing	no
60. Bearing Retainers       (NA) Not Applicable         61. Shaft Grounding Device       62.         62. DE Seal       63.         63. DE Seal Type/Size       64.         64. ODE Seal       65.         65. ODE Seal Type/Size       66.         66. Component Failure       66.         67. Cause of Failure       68.         68. Comments       69.         69. Service Technician       70.         Machine Fit Inspection Report       70.         70. Shaft Run Out       71.         71. Initial Shaft Run Out       72.         73. DE Bearing Shaft Fit       10.	58.	Lubrication Type	grease
61. Shaft Grounding Device         62. DE Seal         63. DE Seal Type/Size         64. ODE Seal         65. ODE Seal Type/Size <b>Root Cause of Failure</b> 66. Component Failure         67. Cause of Failure         68. Comments         69. Service Technician <b>Machine Fit Inspection Report</b> 70. Shaft Run Out         71. Initial Shaft Run Out         72. Final Shaft Run Out         73. DE Bearing Shaft Fit	59.	Grease Condition	(NA) Not Applicable
<ul> <li>62. DE Seal</li> <li>63. DE Seal Type/Size</li> <li>64. ODE Seal</li> <li>65. ODE Seal Type/Size</li> <li>Root Cause of Failure</li> <li>66. Component Failure</li> <li>67. Cause of Failure</li> <li>68. Comments</li> <li>69. Service Technician</li> <li>Machine Fit Inspection Report</li> <li>70. Shaft Run Out</li> <li>71. Initial Shaft Run Out</li> <li>72. Final Shaft Run Out</li> <li>73. DE Bearing Shaft Fit</li> </ul>	60.	Bearing Retainers	(NA) Not Applicable
<ul> <li>63. DE Seal Type/Size</li> <li>64. ODE Seal</li> <li>65. ODE Seal Type/Size</li> <li>Root Cause of Failure</li> <li>66. Component Failure</li> <li>67. Cause of Failure</li> <li>68. Comments</li> <li>69. Service Technician</li> <li>Machine Fit Inspection Report</li> <li>70. Shaft Run Out</li> <li>71. Initial Shaft Run Out</li> <li>72. Final Shaft Run Out</li> <li>73. DE Bearing Shaft Fit</li> </ul>	61.	Shaft Grounding Device	
<ul> <li>64. ODE Seal</li> <li>65. ODE Seal Type/Size</li> <li>Root Cause of Failure</li> <li>66. Component Failure</li> <li>67. Cause of Failure</li> <li>68. Comments</li> <li>69. Service Technician</li> <li>Machine Fit Inspection Report</li> <li>70. Shaft Run Out</li> <li>71. Initial Shaft Run Out</li> <li>72. Final Shaft Run Out</li> <li>73. DE Bearing Shaft Fit</li> </ul>	62.	DE Seal	
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         71. Initial Shaft Run Out         72. Final Shaft Run Out         73. DE Bearing Shaft Fit	63.	DE Seal Type/Size	
Root Cause of Failure66. Component Failure67. Cause of Failure68. Comments69. Service TechnicianMachine Fit Inspection Report70. Shaft Run Out71. Initial Shaft Run Out72. Final Shaft Run Out73. DE Bearing Shaft Fit	64.	ODE Seal	
<ul> <li>66. Component Failure</li> <li>67. Cause of Failure</li> <li>68. Comments</li> <li>69. Service Technician</li> </ul> Machine Fit Inspection Report 70. Shaft Run Out 71. Initial Shaft Run Out 72. Final Shaft Run Out 73. DE Bearing Shaft Fit	65.	ODE Seal Type/Size	
<ul> <li>67. Cause of Failure</li> <li>68. Comments</li> <li>69. Service Technician</li> <li>Machine Fit Inspection Report</li> <li>70. Shaft Run Out</li> <li>71. Initial Shaft Run Out</li> <li>72. Final Shaft Run Out</li> <li>73. DE Bearing Shaft Fit</li> </ul>	Root	Cause of Failure	
<ul> <li>68. Comments</li> <li>69. Service Technician</li> <li>Machine Fit Inspection Report</li> <li>70. Shaft Run Out</li> <li>71. Initial Shaft Run Out</li> <li>72. Final Shaft Run Out</li> <li>73. DE Bearing Shaft Fit</li> </ul>	66.	Component Failure	
69. Service Technician         Machine Fit Inspection Report         70. Shaft Run Out         71. Initial Shaft Run Out         72. Final Shaft Run Out         73. DE Bearing Shaft Fit	67.	Cause of Failure	
Machine Fit Inspection Report         70. Shaft Run Out         71. Initial Shaft Run Out         72. Final Shaft Run Out         73. DE Bearing Shaft Fit	68.	Comments	
<ul> <li>70. Shaft Run Out</li> <li>71. Initial Shaft Run Out</li> <li>72. Final Shaft Run Out</li> <li>73. DE Bearing Shaft Fit</li> </ul>	69.	Service Technician	
<ul> <li>71. Initial Shaft Run Out</li> <li>72. Final Shaft Run Out</li> <li>73. DE Bearing Shaft Fit</li> </ul>	Machi	ne Fit Inspection Report	
<ul><li>72. Final Shaft Run Out</li><li>73. DE Bearing Shaft Fit</li></ul>	70.	Shaft Run Out	
73. DE Bearing Shaft Fit	71.	Initial Shaft Run Out	
	72.	Final Shaft Run Out	
74. DE Initial Shaft Bearing Fit Size 1	73.	DE Bearing Shaft Fit	
	74.	DE Initial Shaft Bearing Fit Size 1	

75.	DE Initial Shaft Bearing Fit Size 2	
76.	DE Initial Shaft Bearing Fit Size 3	
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	
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	
92.	ODE Final Air Seal Shaft Size	
93.	DE Endbell Fit	(P) Pass
-	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	(NA) Not Applicable
	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	(1)1000
	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	
117.		

# R

Balancing Report119. Balance Type120. Balance Operating Speed121. Start Left End122. Start Right End123. Balancing Specification124. Finish Left End125. Finish Right End126. Service TechnicianAssembly and Final Test127. Meggar Testing Reading128. Surge Test129. Hi-Pot130. Winding Resistance 1-2131. Winding Resistance 2-3132. Winding Resistance 1-3133. Test Run Voltage Phase A452 Volts		
<ul> <li>120. Balance Operating Speed</li> <li>121. Start Left End</li> <li>122. Start Right End</li> <li>123. Balancing Specification</li> <li>124. Finish Left End</li> <li>125. Finish Right End</li> <li>126. Service Technician</li> <li>Assembly and Final Test</li> <li>127. Meggar Testing Reading</li> <li>128. Surge Test</li> <li>129. Hi-Pot</li> <li>130. Winding Resistance 1-2</li> <li>131. Winding Resistance 2-3</li> <li>132. Winding Resistance 1-3</li> </ul>	Balan	cing Report
<ul> <li>121. Start Left End</li> <li>122. Start Right End</li> <li>123. Balancing Specification</li> <li>124. Finish Left End</li> <li>125. Finish Right End</li> <li>126. Service Technician</li> <li>Assembly and Final Test</li> <li>127. Meggar Testing Reading</li> <li>128. Surge Test</li> <li>129. Hi-Pot</li> <li>130. Winding Resistance 1-2</li> <li>131. Winding Resistance 2-3</li> <li>132. Winding Resistance 1-3</li> </ul>	119.	Balance Type
<ul> <li>122. Start Right End</li> <li>123. Balancing Specification</li> <li>124. Finish Left End</li> <li>125. Finish Right End</li> <li>126. Service Technician</li> <li>Assembly and Final Test</li> <li>127. Meggar Testing Reading</li> <li>128. Surge Test</li> <li>129. Hi-Pot</li> <li>130. Winding Resistance 1-2</li> <li>131. Winding Resistance 2-3</li> <li>132. Winding Resistance 1-3</li> </ul>	120.	Balance Operating Speed
<ul> <li>123. Balancing Specification</li> <li>124. Finish Left End</li> <li>125. Finish Right End</li> <li>126. Service Technician</li> <li>Assembly and Final Test</li> <li>127. Meggar Testing Reading</li> <li>128. Surge Test</li> <li>129. Hi-Pot</li> <li>130. Winding Resistance 1-2</li> <li>131. Winding Resistance 2-3</li> <li>132. Winding Resistance 1-3</li> </ul>	121.	Start Left End
<ul> <li>124. Finish Left End</li> <li>125. Finish Right End</li> <li>126. Service Technician</li> <li>Assembly and Final Test</li> <li>127. Meggar Testing Reading</li> <li>128. Surge Test</li> <li>129. Hi-Pot</li> <li>130. Winding Resistance 1-2</li> <li>131. Winding Resistance 2-3</li> <li>132. Winding Resistance 1-3</li> </ul>	122.	Start Right End
<ul> <li>125. Finish Right End</li> <li>126. Service Technician</li> <li>Assembly and Final Test</li> <li>127. Meggar Testing Reading</li> <li>128. Surge Test</li> <li>129. Hi-Pot</li> <li>130. Winding Resistance 1-2</li> <li>131. Winding Resistance 2-3</li> <li>132. Winding Resistance 1-3</li> </ul>	123.	Balancing Specification
126. Service TechnicianAssembly and Final Test127. Meggar Testing Reading128. Surge Test129. Hi-Pot130. Winding Resistance 1-2131. Winding Resistance 2-3132. Winding Resistance 1-3	124.	Finish Left End
Assembly and Final Test127. Meggar Testing Reading128. Surge Test129. Hi-Pot130. Winding Resistance 1-2131. Winding Resistance 2-3132. Winding Resistance 1-3	125.	Finish Right End
127. Meggar Testing Reading128. Surge Test129. Hi-Pot130. Winding Resistance 1-2131. Winding Resistance 2-3132. Winding Resistance 1-3	126.	Service Technician
128. Surge Test         129. Hi-Pot         130. Winding Resistance 1-2         131. Winding Resistance 2-3         132. Winding Resistance 1-3	Asser	nbly and Final Test
129. Hi-Pot         130. Winding Resistance 1-2         131. Winding Resistance 2-3         132. Winding Resistance 1-3	127.	Meggar Testing Reading
<ul> <li>130. Winding Resistance 1-2</li> <li>131. Winding Resistance 2-3</li> <li>132. Winding Resistance 1-3</li> </ul>	128.	Surge Test
131. Winding Resistance 2-3         132. Winding Resistance 1-3	129.	Hi-Pot
132. Winding Resistance 1-3	130.	Winding Resistance 1-2
	131.	Winding Resistance 2-3
133. Test Run Voltage Phase A452 Volts	132.	Winding Resistance 1-3
	133.	Test Run Voltage Phase A 452 Volts



134. Test Run Amps A

0.9 Amps

#### 135. Test Run Voltage Phase B

453 Volts



#### 136. Test Run Amps B 0.9 Amps

137. Test Run Voltage Phase C



138. Test Run Amps C	1 Amps
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



RW

159. Service Technician

R



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

- 1. <u>APPLICABILITY.</u> 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. <u>SCOPE OF GOODS AND/OR SERVICES.</u> 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 be 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. DELIVERY OF GOODS AND/OR SERVICES. 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.
- 6. 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 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

**TermsAndConditions** 

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. LIMITATION OF DAMAGES. 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. <u>GOVERNING LAW AND JURISDICTION.</u> 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. <u>ABANDONED EQUIPMENT.</u> 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. <u>ASSIGNMENT.</u> 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. <u>NO INDIVIDUAL LIABILITY</u>. 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.