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LR Motor Shop Repairs

Job Number 104104

Prepared for Kimberly Clark TX (10176)

2466 Farm Rd 137
Paris TX 75460

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

AC Recondition Repair Report

FolderID: 104104
FormID: 23293436

Kimberly Clark TX (10176)

2466 Farm Rd 137
Paris, TX 75460

MOTOR SHOP LR

Priorities Found:

General

1. Job Number

104083

2. Report Date

3. Customer

Kimberly Clark inside sales

Name Plate Information

4. Manufacturer

TECO



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1.0



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| | |
|---------------------------------|-----------------|
| 5. Model | |
| 6. Serial Number | WJ.AC239510T1-1 |
| 7. Horsepower | 450 HP |
| 8. KW | 340 KW |
| 9. Volts | Volts |
| <div><div></div>2300/4000</div> | |
| 10. Amps | Amps |
| <div><div></div>102/59</div> | |
| 11. RPM | RPM |
| <div><div></div>3576</div> | |
| 12. Frame | 5009A |
| 13. Enclosure | ODP |
| 14. Cycles | 60 HZ |
| 15. Phase | 3 PH |
| 16. Service Factor | 1.15 |
| 17. Motor Mount Position | |
| <div><div></div>Horizon</div> | |

Initial Inspection

| |
|---------------------|
| 18. Number of Leads |
| 19. Lead Length |
| 20. Lead Size |
| 21. Lead Condition |

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| |
|------------------------------------|
| 22. Lead Markings |
| 23. Lug Size, Condition, and Type |
| 24. Winding RTD's |
| 25. Winding Rtd's Condition |
| 26. Shaft Run Out |
| 27. Does Shaft Turn Freely |
| 28. Does Shaft Have Visible Damage |
| 29. Bearing Rtd's |
| 30. Bearing Rtd's Condition |
| 31. Contamination |
| 32. Frame Condition |
| 33. Fan Condition |
| 34. Broken or missing components |
| Initial Electric Test |
| 35. Resistance to Ground |
| 36. Winding Resistance 1-2 |
| 37. Winding Resistance 2-3 |
| 38. Winding Resistance 1-3 |
| 39. Resistive Imbalance |
| 40. Hi-Pot |
| 41. Surge Test |
| 42. Stator Condition |
| 43. Failure Location |
| Initial Rotor Inspection |
| 44. Rotor Type |
| 45. Air Gap <10% Variation |
| 46. Number of Rotor Bars |
| 47. Number of Broken Rotor Bars |
| 48. Growler Test |
| 49. Rotor Condition |
| Mechanical Inspection |
| 50. Bearing Manufacture |
| 51. Bearing DE Size |
| 52. Bearing DE Type |
| 53. DE Bearing Qty. |
| 54. Bearing ODE Size |
| 55. Bearing ODE Type |
| 56. ODE Bearing Qty. |
| 57. Insulated Bearing |
| 58. Lubrication Type |
| 59. Grease Condition |
| 60. Bearing Retainers |
| 61. Shaft Grounding Device |
| 62. DE Seal |
| 63. DE Seal Type/Size |
| 64. ODE Seal |
| 65. ODE Seal Type/Size |

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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
- 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
- 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
- 94. DE Initial Endbell Fit Size 1
- 95. DE Initial Endbell Fit Size 2
- 96. DE Initial Endbell Fit Size 3
- 97. DE Final Endbell Fit Size 1
- 98. DE Finial Endbell Fit Size 2
- 99. DE Final Endbell Fit Size 3
- 100. DE Endbell Fit Insulated
- 101. DE Endbell Air Seal Fit
- 102. Initial Endbell Air Seal Fit Size
- 103. Finial Endbell Air Seal Fit Size
- 104. ODE Endbell Fit
- 105. ODE Initial Endbell Fit Size 1
- 106. ODE Initial Endbell Fit Size 2
- 107. ODE Initial Endbell Fit Size 3
- 108. ODE Final Endbell Fit Size 1
- 109. ODE Final Endbell Fit Size 2
- 110. ODE Final Endbell Fit Size 3

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| |
|--|
| 111. ODE Endbell Fit Insulated |
| 112. ODE Endbell Air Seal Fit |
| 113. ODE Initial Endbell Seal Fit Size |
| 114. ODE Finial Endbell Seal Fit Size |
| 115. Foot Flatness |
| 116. Foot Condition |
| 117. Flange Condition |
| 118. Service Technician |
| Balancing Report |
| 119. Balance Type |
| 120. Balance Operating Speed |
| 121. Start Left End |
| 122. Start Right End |
| 123. Balancing Specification |
| 124. Finish Left End |
| 125. Finish Right End |
| 126. Service Technician |
| Assembly and Final Test |
| 127. Meggar Testing Reading |
| 128. Surge Test |
| 129. Hi-Pot |
| 130. Winding Resistance 1-2 |
| 131. Winding Resistance 2-3 |
| 132. Winding Resistance 1-3 |
| 133. Test Run Voltage Phase A |
| 134. Test Run Amps A |
| 135. Test Run Voltage Phase B |
| 136. Test Run Amps B |
| 137. Test Run Voltage Phase C |
| 138. Test Run Amps C |
| 139. DE Horizontal Vibration Reading |
| 140. DE Vertical Vibration Reading |
| 141. DE Axial Vibration Reading |
| 142. ODE Horizontal Vibration Reading |
| 143. ODE Vertical Vibration Reading |
| 144. ODE Axial Vibration Reading |
| 145. Ambient Temp at start of Test Run |
| 146. Temp at 5 minutes |
| 147. Temp at 10 minutes |
| 148. Temp at 15 minutes |
| 149. Temp at 20 minutes |
| 150. Temp at 25 minutes |
| 151. Temp at 30 minutes |
| 152. Temp at 35 minutes |
| 153. Temp at 40 minutes |
| 154. Temp at 45 minutes |
| 155. Temp at 50 minutes |

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| |
|-------------------------|
| 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

AC Inspection as Found

Kimberly Clark TX (10176)

2466 Farm Rd 137

Paris, TX 75460

FolderID: 104104
FormID: 23295794

AC Inspection - Rev. 2

Location: LITTLE ROCK MOTOR SHOP

Serial Number: WJAC239510T1-1

Description: 450 HP TECO WESTINGHOUSE
SHORTEN SHAFT

Hi-Speed Job Number: 104104

Manufacturer: TECO Westinghouse

Product Number: TYPE-AMHG-UW

Serial Number: WJAC239510T1-1

HP/kW: 450 (HP)

RPM: 3576 (RPM)

Frame: 5009A

Voltage: Other

Phase: Three

Hz: 60 (Hz)

Enclosure: ODP

of Leads: 6

J-box Included: Complete

Repair Stage: Final

Rewind: No


Shaft Machined Fit Repairs
Required: No

Bearing Housing Machined
Fit Repairs Required: No

Heaters: Yes

Winding Type : Form Coil

Bearing Type: Rolling Element

Priorities Found:  8 - Good

Overall Condition

1. Report Date
2. Nameplate Picture
3. Photos of all six sides of the machine.



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| | | |
|--------------------------------------|---|---------|
| 4. | Describe the Overall Condition of the Equipment as Received | |
| 5. | Distance from the end of the shaft to the Coupling/Sheave | inches |
| Initial Mechanical/Electrical | | |
| 6. | Does Shaft Turn Freely? | (Y) Yes |
| 7. | Does the shaft require T.I.R in Lathe to identify additional repairs? | (No) No |
| 8. | Does Shaft Have Visible Damage? | (No) No |
| 9. | Assembled Shaft Runout | Inches |
| 10. | Assembled Shaft End Play | inches |
| 11. | Air Gap Variation <10% | |

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| | | | |
|--------------------------------------|--|-------------|----------------------------|
| 12. | Lead Condition | | (P) Pass |
| 13. | Lead Length | | 18 Inches |
| 14. | Does it have Lugs?, If so what is the Stud Size? | | |
| | Yes | | |
| 15. | Lead Numbers | | 6 |
| 16. | Stator Temperature Detector Rating and Function | | |
| | Quantity | Rating | Quantity Passed |
| 17. | Bearing Temperature Detector Rating and Function | | |
| | Quantity | Rating | Quantity Passed |
| 18. | Frame Condition | | |
| 19. | Fan Condition | | (P) Pass |
| 20. | Does motor have internal fan? | | (Yes) Yes |
| 21. | Broken or Missing Components | | |
| 22. | Heater Quantity, Ratings | | |
| | Quantity | Volts/Watts | Pass/Fail |
| Initial Electrical Inspection | | | |
| 23. | Insulation Resistance/Megger | | Megohms |
| 24. | Winding Resistance | | |
| | 1-2 | 1-3 | 2-3 |
| 25. | Perform Surge Test | | |
| 26. | Number of Stator Slots | | |
| 27. | Stator Condition | | |
| 28. | Stator Thermistors/Ohms | | |
| 29. | Stator Overloads/Ohms | | |
| Mechanical Inspection | | | |
| 30. | Drive End Bearing Brand | | |
| 31. | Drive End Bearing Number- | | 6315 |
| 32. | Drive End Bearing Qty. | | 1 |
| 33. | Drive End Bearing Type | | (Ball) Ball Bearing |
| 34. | Drive End Lubrication Type | | (Grease) Grease Lubricated |
| 35. | Drive End Bearing Insulation or Grounding Device? | | |
| 36. | Drive End Wavy Washer/Snap-Ring Other Retention Device? | | |
| 37. | Drive End Bearing Condition | | |
| 38. | Opposite Drive End Bearing Brand | | |
| 39. | Opposite Drive End Bearing Number- | | 6315 |
| 40. | Opposite Drive End Bearing Qty. | | 1 |
| 41. | Opposite Drive End Bearing Type | | (Ball) Ball Bearing |
| 42. | Opposite Drive End Lubrication Type | | (Grease) Grease Lubricated |
| 43. | Opposite Drive End Bearing Insulation or Grounding Device? | | |
| 44. | Opposite Drive End Wavy Washer/Snap-Ring Other Retention Device? | | wavy washer |
| 45. | Opposite Drive End Bearing Condition | | |
| 46. | Drive End Seal | | |
| 47. | Opposite Drive End Seal | | |
| Rotor Inspection | | | |

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| |
|---|
| 48. Rotor Type/Material |
| 49. Growler Test |
| 50. Number of Rotor Bars |
| 51. Rotor Condition |
| 52. List the Parts needed for the Repair Below |
| 53. Signature of Technician that Disassembled Motor |
| Mechanical Fits- Rotor |
| 54. Shaft Runout inches |
| 55. Rotor Runout |
| Drive End Bearing Fit Rotor Body Opposite Drive End Bearing |
| 56. Coupling Fit Closest to Bearing Housing |
| 0 Degrees 90 Degrees 120 Degrees |
| 57. Coupling Fit Closest to the end of the Shaft |
| 0 Degrees 60 Degrees 120 Degrees |
| 58. Drive End Bearing Shaft Fit |
| 0 Degrees 60 Degrees 120 Degrees |
| 59. Drive End Bearing Shaft Fit Condition |
| 60. Opposite Drive End Bearing Shaft Fit |
| 0 Degrees 60 Degrees 120 Degrees |
| 61. Opposite Drive End Bearing Shaft Fit Condition |
| 62. Shaft Air Seal Fits |
| Drive End Air Seal Opposite Drive End Air Seal |
| Mechanical Fits- Bearing Housings |
| 63. Drive End - Endbell Bearing Fit |
| 0 Degrees 60 Degrees 120 Degrees |
| 64. Drive End - Endbell Bearing Fit Condition |
| 65. Opposite Drive End - Endbell Bearing Fit |
| 0 Degrees 60 Degrees 120 Degrees |
| 66. Opposite Drive End - Endbell Bearing Fit Condition |
| 67. Bearing Cap Condition |
| Drive End Bearing Cap Opposite Drive End Bearing Cap |
| 68. End Bell Air Seal Fits |
| Drive End Air Seal Opposite Drive End Air Seal |
| 69. List Machine Work Needed Below |
| 70. Technician |
| Root Cause of Failure |
| 71. Failure locations |
| 72. Root cause of failure |
| Dynamic Balance Report |

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73. Rotor Weight and Balance Grade

Rotor Weight

Balance Grade

74. Initial Balance Readings

Drive End

Opposite Drive End



75. Final Balance Readings

Drive End

Opposite Drive End



76. Technician

Cw

Assembly

77. QC Check All Parts for Cleanliness Prior to Assembly

Cw

78. Photograph All Major Components prior to assembly



79. Final Insulation Resistance Test

Megohms

80. Assembled Shaft Endplay

inches

81. Assembled Shaft Runout

inches

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82. Test Run Voltage

Volts

Volts

Volts



83. Test Run Amperage

Amps

Amps

Amps



84. Drive End Vibration Readings - Inches Per Second

Horizontal

Vertical

Axial

0.05-0.1-0.03

85. Opposite Drive End Vibration Readings - Inches Per Second

Horizontal

Vertical

Axial

0.05-0.04-0.05

86. Ambient Temperature - Fahrenheit

87. Drive End Bearing Temps - Fahrenheit

5 Minutes

10 Minutes

15 Minutes

88. Opposite Drive End Bearing Temps - Fahrenheit

5 Minutes

10 Minutes

15 Minutes

89. Document Final Condition with Pictures after paint

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90. Final Pics and QC Review

Cw

Co sign: TLH

91. Stator Temperatures- Fahrenheit

5 Minutes

10 Minutes

15 Minutes



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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 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. **BILLING AND PAYMENT TERMS.** 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 Buyer 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 PARTICULAR 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.

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10. **SEVERABILITY.** 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, earthquake, 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. **NONWAIVER.** 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.