

LR Motor Shop Repairs

Job Number 102341

Prepared for Peco Foods

625 S. Allen Street Batesville AR 72501

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AC Inspection as Found - Shop

AC Inspection - Rev. 2

1.0

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FolderID: 102341 FormID: 19033933



AC Inspection as Found

Peco Foods

Location:

625 S. Allen Street Batesville, AR 72501

AC Inspection - Rev. 2

Shop

Serial Number:

Description:700 HP

Hi-Speed Job Number:	102341
Manufacturer:	Other
Serial Number:	B12X-024669
HP/kW:	700 (HP)
RPM:	3575 (RPM)
Frame:	5010S
Voltage:	460
Current:	794
Phase:	Three
Hz:	60 (Hz)
Service Factor:	1.15
Enclosure:	ODP
J-box Included:	None
Coupling/Sheave:	Coupling
Repair Stage:	Final

Priorities Found: 3 - High



4 - Good

Overall Condition

- 1. Report Date
- Nameplate Picture



Photos of all six sides of the machine.

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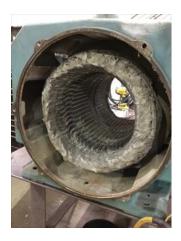






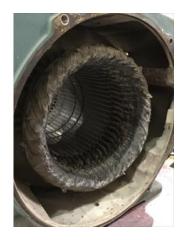
























- 4. Describe the Overall Condition of the Equipment as Received Dirty on the outside of frame
- 5. Distance from the end of the shaft to the Coupling/Sheave

Initial Mechanical/Electrical

- 6. Does Shaft Turn Freely?
 (Yes) Yes
 - 7. Does Shaft Have Visible Damage? (No) No
 - 8. Assembled Shaft Runout
 - 9. Assembled Shaft End Play
 - 10. Air Gap Variation <10%

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11	Lead Condition	(P) Pass
12.		19 Inches
	Lead Numbers	123456
	Stator Temperature Detector Rating and Function	
	Quantity Rating	Quantity Passed
	Tanana,	Lucina, v accou
15.	Bearing Temperature Detector Rating and Function	
	Quantity Rating	Quantity Passed
	Frame Condition	
	Fan Condition	(N) NA
18.	Heater Quantity, Ratings	
	Quantity Volts/Watts	Pass/Fail
10	Broken or Missing Components	
	Electrical Inspection	
	Insulation Resistance/Megger	
	Winding Resistance	
۷1.	1-2 1-3	2-3
	1-2	2-3
22.	Perform Surge Test	
23.	•	48
24.	Stator Condition	
25.	Stator Thermistors/Ohms	
26.	Stator Overloads/Ohms	
Mech	anical Inspection	
	Drive End Bearing Brand	cannot see manufacturer
28.		6316c3
29.	Drive End Bearing Qty.	1
30.	Drive End Bearing Type	(Ball) Ball Bearing
31.	Drive End Lubrication Type	(Grease) Grease Lubricated
32.	Drive End Bearing Insulation or Grounding Device?	
33.	Drive End Wavy Washer/Snap-Ring Other Retention	n Device?
34.	Drive End Bearing Condition	Fail
•	Bearing has signs of fatigue and moisture corrosion.	Outer race has pitting
35.	Opposite Drive End Bearing Brand	SKF
36.	Opposite Drive End Bearing Number-	6316c3
37.	Opposite Drive End Bearing Qty.	1
38.	Opposite Drive End Bearing Type	(Ball) Ball Bearing
39.	Opposite Drive End Lubrication Type	(Grease) Grease Lubricated
40.	Opposite Drive End Bearing Insulation or Grounding	g Device?
41.	Opposite Drive End Wavy Washer/Snap-Ring Other	Retention Device?
42.	Opposite Drive End Bearing Condition	worn
-	Outer race has pitting	
43.	Drive End Seal	
44.	Opposite Drive End Seal	

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45.	DE Sleeve Bearing Inside Diameter			
	0 degrees	120 degrees	240 degrees	
10				
46.	DE Sleeve Bearing Outside Diameter	400.1	242	
	0 degrees	120 degrees	240 degrees	
17	7. DE Sleeve Bearing Housing Inside Diameter			
77.	0 degrees	120 degrees	240 degrees	
	o degrees	120 degrees	240 degrees	
48.	8. DE Sleeve Bearing to Housing Clearance			
	0 degrees	120 degrees	240 degrees	
	•	•	ū	
49.	ODE Sleeve Bearing Inside Diameter			
	0 degrees	120 degrees	240 degrees	
50.	ODE Sleeve Bearing Outside Diameter			
	0 degrees	120 degrees	240 degrees	
51	ODE Sleeve Bearing Housing Inside	Diameter		
31.	0 degrees	120 degrees	240 degrees	
	o degrees	120 degrees	240 degrees	
52.	ODE Sleeve Bearing to Housing Clea	rance		
			040 degrees	
	0 degrees	120 degrees	240 degrees	
	0 degrees	120 degrees	240 degrees	
Rotor	0 degrees Inspection	120 degrees	240 degrees	
	·	120 degrees	(Copper Barred) Copper Barred Rotor	
	Inspection Rotor Type/Material	120 degrees	(Copper Barred) Copper	
53.	Inspection Rotor Type/Material	120 degrees	(Copper Barred) Copper Barred Rotor	
53. 54. 55.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition	-	(Copper Barred) Copper Barred Rotor (Pass) Pass	
53. 54. 55. 56. 57.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair E	elow	(Copper Barred) Copper Barred Rotor (Pass) Pass 40	
53. 54. 55. 56. 57.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition	elow	(Copper Barred) Copper Barred Rotor (Pass) Pass	
53. 54. 55. 56. 57.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair E	elow	(Copper Barred) Copper Barred Rotor (Pass) Pass 40	
53. 54. 55. 56. 57.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair E	elow	(Copper Barred) Copper Barred Rotor (Pass) Pass 40	
53. 54. 55. 56. 57.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair E	elow	(Copper Barred) Copper Barred Rotor (Pass) Pass 40	
53. 54. 55. 56. 57.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair E	elow	(Copper Barred) Copper Barred Rotor (Pass) Pass 40	
53. 54. 55. 56. 57. 58.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair E	elow	(Copper Barred) Copper Barred Rotor (Pass) Pass 40	
53. 54. 55. 56. 57. 58.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair B Signature of Technician that Disasser	elow	(Copper Barred) Copper Barred Rotor (Pass) Pass 40	
53. 54. 55. 56. 57. 58. Mecha 59.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair B Signature of Technician that Disasser	elow	(Copper Barred) Copper Barred Rotor (Pass) Pass 40 Trevor Hall	
53. 54. 55. 56. 57. 58. Mecha 59.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair B Signature of Technician that Disasser anical Fits- Rotor Shaft Runout	elow	(Copper Barred) Copper Barred Rotor (Pass) Pass 40 Trevor Hall	
53. 54. 55. 56. 57. 58. Mecha 59.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair B Signature of Technician that Disasser Anical Fits- Rotor Shaft Runout Rotor Runout Drive End Bearing Fit	Rotor Body	(Copper Barred) Copper Barred Rotor (Pass) Pass 40 Trevor Hall	
53. 54. 55. 56. 57. 58. Mecha 59. 60.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair B Signature of Technician that Disasser Anical Fits- Rotor Shaft Runout Rotor Runout Drive End Bearing Fit	Rotor Body	(Copper Barred) Copper Barred Rotor (Pass) Pass 40 Trevor Hall	
53. 54. 55. 56. 57. 58. Mecha 59. 60.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair B Signature of Technician that Disasser Anical Fits- Rotor Shaft Runout Rotor Runout Drive End Bearing Fit Coupling Fit Closest to Bearing Housi	Relow Rotor Body	(Copper Barred) Copper Barred Rotor (Pass) Pass 40 Trevor Hall 0.001 inches Opposite Drive End Bearing	
53. 54. 55. 56. 57. 58. Mecha 59. 60.	Inspection Rotor Type/Material Growler Test Number of Rotor Bars Rotor Condition List the Parts needed for the Repair E Signature of Technician that Disasser Anical Fits- Rotor Shaft Runout Rotor Runout Drive End Bearing Fit Coupling Fit Closest to Bearing House 0 Degrees	Rotor Body ng 90 Degrees	(Copper Barred) Copper Barred Rotor (Pass) Pass 40 Trevor Hall 0.001 inches Opposite Drive End Bearing	

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63	Drive End Bearing Shaft Fit			
	0 Degrees	60 Degrees	120 Degrees	
	3.1499	3.1498	3.1498	
64	 Drive End Bearing Shaft Fit Condition 	n		(P) Pass
65	5. Opposite Drive End Bearing Shaft F	it		
	0 Degrees	60 Degrees	120 Degrees	
	3.1496	3.1496	3.1497	
66	6. Opposite Drive End Bearing Shaft F	it Condition		(P) Pass
67	7. Shaft Air Seal Fits			
	Drive End Air Seal	Opposite Drive End Air Seal		
	hanical Fits- Bearing Housings			
68	Drive End - Endbell Bearing Fit			
	0 Degrees	60 Degrees	120 Degrees	
	6.695	6.6952	6.6954	
69	Drive End - Endbell Bearing Fit Cond	dition		(F) Fail
-	Housing is oversized			
70	 Opposite Drive End - Endbell Bearing 	g Fit		
	0 Degrees	60 Degrees	120 Degrees	
	6.6953	6.6953	6.6954	
71	 Opposite Drive End - Endbell Bearin 	g Fit Condition		(F) Fail
-	Housing is oversized			
72	2. Bearing Cap Condition			
	Drive End Bearing Cap	Opposite Drive End Bearing Cap		
	pass	pass		
73	End Bell Air Seal Fits			
	Drive End Air Seal	Opposite Drive End Air Seal		
-				
/2	List Machine Work Needed Below Sleeve both endbells			
7.				Traver Hell
75	5. Technician	-1		Trevor Hall
,				
Roo	t Cause of Failure			
76	6. Failure locations			
	Bearings and endbell housings			
	7. Root cause of failure			
-	amic Balance Report			
78	Rotor Weight and Balance Grade			
	Rotor Weight	Balance Grade		
79		0 " 0" 5 "		
	Drive End	Opposite Drive End		

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80.	Final Balance Readings		
00.	Drive End	Opposite Drive End	
	DIIVO EIIO	Opposite Brive Eria	
81.	Technician		
Rewir	nd		
82.	2. Core Test Results - Watts loss per Pound		
	Pre-Burnout	Post Burnout	
83.	Core Hot Spot Test		
	Pre-Burnout	Post-Burnout	
_	Post Rewind Electrical Test- Insulatio	n Resistance	
	Post Rewind Polarization Index		
86.	Post Rewind Winding Resistance		
	1-2	1-3	2-3
87	Post Rewind Surge Test		
88.	•		
	Technician		
	anical Fits- Rotor - Post Repair		
	Shaft Runout Post Repair		
	Rotor Runout Post Repair		
01.	Drive End Bearing Fit	Rotor Body	Opposite Drive End Bearing
	Drive End Bearing Fit	Rotor Body	Opposite Drive Life Bearing
92.	Coupling Fit Closest to Bearing Housi	ng Post Repair	
	0 Degrees	90 Degrees	120 Degrees
93.	3		
	0 Degrees	60 Degrees	120 Degrees
0.4	Drive End Pooring Shoft Eit Doot Bon	oir.	
94.	3		120 Dograda
	0 Degrees	60 Degrees	120 Degrees
95.	5. Opposite Drive End Bearing Shaft Fit Post Repair		
	0 Degrees	60 Degrees	120 Degrees
	Ŭ	<u> </u>	o de la companya de
96.	Shaft Air Seal Fits Post Repair		
	Drive End Air Seal	Opposite Drive End Air Seal	
07	0. 60 . 6		
	Shaft Repair Sign-off	and Branch	
	anical Fits- Bearing Housings - P	•	
98.	Drive End - Endbell Bearing Fit Post F		400 Danies
	0 Degrees	60 Degrees	120 Degrees
99.	Opposite Drive End - Endbell Bearing	Fit Post Renair	
00.	0 Degrees	60 Degrees	120 Degrees
	2 2 3 1 0 0 0 m	- 00 2 3g1 000	.20 Dog.000

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400	Description Constitution Description			
100.	Bearing Cap Condition Post Repair			
	Drive End Bearing Cap	Opposite Drive End Bearing Cap		
404	M. Final Dall Air Coal File Day Daysin			
101.	End Bell Air Seal Fits Post Repair	Onnesite Drive Ford Air Cool		
	Drive End Air Seal	Opposite Drive End Air Seal		
102	DE Sleeve Bearing Inside ID Post Rep	nair		
102.	Measure 1	Measure 2	Measure 3	
	Wedsure 1	Wedsure 2	Wedsure 3	
103.	DE Sleeve Bearing Outside ID Post R	epair		
	Measure 1	Measure 2	Measure 3	
104.	DE Sleeve Bearing Inside OD Post Re	epair		
	Measure 1	Measure 2	Measure 3	
105.	DE Sleeve Bearing Outside OD Post I			
	Measure 1	Measure 2	Measure 3	
106	End Bell Repair Sign-off			
	ODE Sleeve Bearing Inside ID Post R	enair		
107.	Measure 1	Measure 2	Measure 3	
	Wedsure 1	iviedSure 2	Wedsule 3	
108.	ODE Sleeve Bearing Outside ID Post	Repair		
	Measure 1	Measure 2	Measure 3	
109.	09. ODE Sleeve Bearing Inside OD Post Repair			
	Measure 1	Measure 2	Measure 3	
440	00501 0 0 0 1 1 00 0			
110.	ODE Sleeve Bearing Outside OD Pos	•	Mariana	
	Measure 1	Measure 2	Measure 3	
Assen	nbly			
	•	ior to Assembly		
	QC Check All Parts for Cleanliness Prior to Assembly Photograph All Major Components prior to assembly			
	Final Insulation Resistance Test			
	Assembled Shaft Endplay			
	Assembled Shaft Runout			
116.	Test Run Voltage			
	Volts	Volts	Volts	
	VOICE			
117.	Test Run Amperage			
	Amps	Amps	Amps	
118.	Drive End Vibration Readings - Inches			
	Horizontal	Vertical	Axial	
110	Opposite Drive End Vibration Reading	is - Inches Per Second		
113.	Horizontal	Vertical	Axial	
	Honzontal	vertical	Midi	

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· .	20. Ambient Temperature - Fahrenheit		
121. Drive End Bearing Temps - Fa	ahrenheit		
5 Minutes	10 Minutes	15 Minutes	
122. Drive End Bearing Temps - Fa			
20 Minutes	25 Minutes	30 Minutes	
123. Drive End Bearing Temps - Fa	phrophoit 25 45 Minutos		
		AE Minutes	
35 Minutes	40 Minutes	45 Minutes	
124. Drive End Bearing Temps - Fa	ahrenheit 50-60 Minutes		
50 Minutes	55 Minutes	60 Minutes	
30 Millates	33 Millutes	00 Millates	
125. Opposite Drive End Bearing T	emps - Fahrenheit		
5 Minutes	10 Minutes	15 Minutes	
126. Opposite Drive End Bearing T	emps - Fahrenheit 20-30 Minutes		
20 Minutes	25 Minutes	30 Minutes	
127. Opposite Drive End Bearing T	·		
35 Minutes	40 Minutes	45 Minutes	
128. Opposite Drive End Bearing T	Compa. Eabranhait 50 60 Minutas		
• • • • • • • • • • • • • • • • • • • •	•	CO Minutes	
50 Minutes	55 Minutes	60 Minutes	
129. Stator Temperatures- Fahrenl	neit		
5 Minutes	10 Minutes	15 Minutes	
o imilates	10 mmaios	To Millianos	
130. Stator Temperatures- Fahrenh	neit 20-30 Minutes		
20 Minutes	25 Minutes	30 Minutes	
131. Stator Temperatures- Fahrenh			
35 Minutes	40 Minutes	45 Minutes	
132. Stator Temperatures- Fahrenl		00.14	
50 Minutes	55 Minutes	60 Minutes	
122 Document Final Condition with	a Diaturas after paint		
133. Document Final Condition with134. Final Pics and QC Review	i Fictures after parit		
134. FIIIAI FICS AND QU REVIEW			

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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 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. <u>WARRANTIES.</u> 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. <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. 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.