

EVERY DAY SINCE 1946

LR Motor Shop Repairs

Job Number 100328

Prepared for Almatis Inc/RCP Bauxite (10014)

4701 Alcoa Road Bauxite AR 72011

Table of Contents

AC Recondition As Found - LR Motor Shop

AC Random Coil Rewind Report



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

> FolderID: 100328 FormID: 14621640

AC Recondition As Found

Almatis Inc/RCP Bauxite (10014) 4701 Alcoa Road

Bauxite, AR 72011

AC Recondition - Rev. 2

Location:	LR Motor Shop
Serial Number:	6646243

Description: 7.5HP RELIANCE 1200RPM 254TY

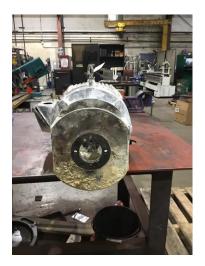
Hi-Speed Job Number:	100328
Manufacturer:	Reliance
Serial Number:	6646243
HP/kW:	7.5 (HP)
RPM:	1175 (RPM)
Frame:	254TY
Voltage:	230 / 460
Current:	19.6/9.8
Phase:	Three
Hz:	60 (Hz)
Service Factor:	1.00
Enclosure:	TEFC
J-box Included:	Complete
Coupling/Sheave:	Coupling
Bearing RTDs:	No
Stator RTDs:	No
Repair Stage:	Final
Heaters:	No
Winding Type :	Random Wound
Bearing Type:	Rolling Element

Priorities Found: 🔵 3 - High

ıh 🛛 🌒 5 - Good

- **Overall Condition**
 - 1. Report Date
 - 2. Nameplate Picture











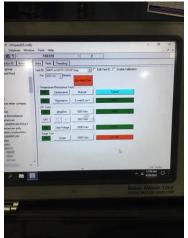


A CAR
Total Sta
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1



1 10 10 100	時代の第三人間の時代の時代での問題で、「「「「「「」」」をついてあって		and the second se	Charles and a state with	
3.	Photos of all six sides of the machine				
4.	Describe the Overall Condition of the	Equipment as Received			
5.	Distance from the end of the shaft to	the Coupling/Sheave			
Initia	I 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%				
• 11	. Lead Condition				(P) Pass
12	. Lead Length				12 Inches
13	. Frame Condition				good
14	. Fan Condition				(P) Pass
15	. Broken or Missing Components				
Initia	I Electrical Inspection				
16	. Insulation Resistance/Megger				2000 Megohms
17	. Winding Resistance				
	1-2	1-3	2	-3	
	1.667	1.664	1.	.676	

18. Perform Surge Test



Tools Help 100328			2				1.25	-
ata Tests r	Test ID	Tem	Res	Mo	PI	DC	Sur	
9/29/2022 11:	480V w/o	T	PASS	PASS		PASS	FAIL	
-210 -5000- -1000- -1250 -1500 - 40	to to to	800 B	o 400			2 19 LLEA 1-2 7 2-3 7	40 11	17. 52

(F) Fail

shorted

19. Stator Condition

Mechanical Inspection



21.			
	Drive End Bearing Qty.		1
22.	Drive End Bearing Type		(Ball) Ball Bearing
23.	Drive End Lubrication Type		(Grease) Grease Lubricated
24.	Drive End Bearing Insulation or Gro	ounding Device?	n/a
25.	Drive End Wavy Washer/Snap-Ring	g Other Retention Device?	n/a
26.	Drive End Bearing Condition		bad
27.	Opposite Drive End Bearing Number	er-	6309
28.	Opposite Drive End Bearing Qty.		1
29.	Opposite Drive End Bearing Type		(Ball) Ball Bearing
30.	Opposite Drive End Lubrication Typ	be	(Grease) Grease Lubricated
31.	Opposite Drive End Bearing Insulat	tion or Grounding Device?	n/a
32.	Opposite Drive End Wavy Washer/	Snap-Ring Other Retention Device?	wavy washer
33.	Opposite Drive End Bearing Condit	ion	bad
34.	Drive End Seal		n/a
35.	Opposite Drive End Seal		n/a
Rotor	Inspection		
36.	Rotor Type/Material		(Squirrel Aluminum) Squirrel Cage Aluminum Die Cast
37.	Growler Test		(Pass) Pass
38.	Number of Rotor Bars		42
39.	Rotor Condition		good
40.	List the Parts needed for the Repai	r Below	
	2 - 6309 bearings, 2 - 211 sleeves		
	3 .,		
41.	Signature of Technician that Disass	sembled Motor	David Mackin
	-	sembled Motor	David Mackin
	Signature of Technician that Disass anical Fits- Rotor	sembled Motor	David Mackin 0.0005 inches
/lecha	Signature of Technician that Disass anical Fits- Rotor Shaft Runout	sembled Motor	
/lech 42.	Signature of Technician that Disass anical Fits- Rotor Shaft Runout	Sembled Motor	

	44.	Coupling Fit Closest to Bearing Housing	ng		
		0 Degrees	90 Degrees	120 Degrees	
	45.	Coupling Fit Closest to the end of the	Shaft		
		0 Degrees	60 Degrees	120 Degrees	
	46	Drive End Bearing Shaft Fit			
	40.	-	60 Degrees	120 Degrees	
		0 Degrees	60 Degrees	120 Degrees	
	47	1.772	1.7719	1.7717	
		Drive End Bearing Shaft Fit Condition			(P) Pass
	48.	Opposite Drive End Bearing Shaft Fit		100 De 200 e e	
		0 Degrees	60 Degrees	120 Degrees	
	10	1.7717	1.7718	1.7718	
		Opposite Drive End Bearing Shaft Fit	Condition		(P) Pass
	50.	Shaft Air Seal Fits			
		Drive End Air Seal	Opposite Drive End Air Seal		
		n/a	n/a		
N		anical Fits- Bearing Housings			
	51.	Drive End - Endbell Bearing Fit			
		0 Degrees	60 Degrees	120 Degrees	
		3.9386	3.9386	3.9379	
	52.	Drive End - Endbell Bearing Fit Condit	lion		(F) Fail
	53.	Opposite Drive End - Endbell Bearing	Fit		
		0 Degrees	60 Degrees	120 Degrees	
		3.9383	3.9385	3.9385	
	54.	Opposite Drive End - Endbell Bearing	Fit Condition		(F) Fail
	55.	Bearing Cap Condition			
		Drive End Bearing Cap	Opposite Drive End Bearing Cap		
		good	good		
	56.	End Bell Air Seal Fits			
		Drive End Air Seal	Opposite Drive End Air Seal		
		n/a	n/a		
	57.	List Machine Work Needed Below			
		Sleeve both end bells and one insulated	I Aegis ring		
	58.	Technician			David Maclin
		1			
		. // ~	\frown		
		VI			
P	what	nic Balance Penert			
U		nic Balance Report Rotor Weight and Balance Grade			
	59.	-	Poloneo Crada		
		Rotor Weight	Balance Grade		
	60.	Initial Balance Readings			
	50.	Drive End	Opposite Drive End		
		Drive Enu	Opposite Drive Ellu		

61.	Final Balance Readings		
	Drive End	Opposite Drive End	
-	Technician		
Rewin			
63.	Core Test Results - Watts loss per Po	und	
	Pre-Burnout	Post Burnout	
0.4			
64.	Core Hot Spot Test		
	Pre-Burnout	Post-Burnout	
65.	Post Rewind Electrical Test- Insulation	n Resistance	
66.	Post Rewind Polarization Index		
67.	Post Rewind Winding Resistance		
	1-2	1-3	2-3
	Post Rewind Surge Test		
	Post Rewind Hi-Pot		
	Technician		
	Cause of Failure		
71.	Failure locations		
	Stator, bearings		
72.	Root cause of failure		
	Fluting		
	anical Fits- Rotor - Post Repair		
	Shaft Runout Post Repair		
74.	Rotor Runout Post Repair	Deter De l	
	Drive End Bearing Fit	Rotor Body	Opposite Drive End Bearing
75.	Coupling Fit Closest to Bearing Housi	ng Post Repair	
	0 Degrees	90 Degrees	120 Degrees
76.	Coupling Fit Closest to the end of the	Shaft Post Repair	
	0 Degrees	60 Degrees	120 Degrees
77.	Drive End Bearing Shaft Fit Post Repa		
	0 Degrees	60 Degrees	120 Degrees
78.	Opposite Drive End Bearing Shaft Fit	Post Repair	
	0 Degrees	60 Degrees	120 Degrees
	C C	J.	C C
79.	Shaft Air Seal Fits Post Repair		
	Drive End Air Seal	Opposite Drive End Air Seal	
80.	Drive End Air Seal Shaft Repair Sign-off	Opposite Drive End Air Seal	
Mech	Shaft Repair Sign-off	ost Repair	

82.	Opposite Drive End - Endbell Bearing	Fit Post Repair	
	0 Degrees	60 Degrees	120 Degrees
83.	Bearing Cap Condition Post Repair		
	Drive End Bearing Cap	Opposite Drive End Bearing Cap	
84.	End Bell Air Seal Fits Post Repair		
	Drive End Air Seal	Opposite Drive End Air Seal	
85.	End Bell Repair Sign-off		
Asser			
	Photograph All Major Components pri	or to assembly	
	Final Insulation Resistance Test	-	
88.	Assembled Shaft Endplay		
89.	Assembled Shaft Runout		
90.	Test Run Voltage		
	Volts	Volts	Volts
91.	Test Run Amperage		
	Amps	Amps	Amps
00			
92.	Drive End Vibration Readings - Inches		A :
	Horizontal	Vertical	Axial
93.	Opposite Drive End Vibration Reading	as - Inches Per Second	
	Horizontal	Vertical	Axial
94.	Ambient Temperature - Fahrenheit		
95.	Drive End Bearing Temps - Fahrenhe	it	
	5 Minutes	10 Minutes	15 Minutes
96.	Opposite Drive End Bearing Temps -		
	5 Minutes	10 Minutes	15 Minutes
07	Einal Toot Dun Sign off		
	Final Test Run Sign-off	an ofter point	
09	Document Final Condition with Picture	as after paint	

98. Document Final Condition with Pictures after paint







99. Final Pics and QC Review



FolderID: 100328 FormID: 15029667

AC Random Coil Rewind Report

Almatis Inc/RCP Bauxite (10014) 4701 Alcoa Road Bauxite, AR 72011

Priorities Found: O 1 - Good

Gene	al	
1.	Job Number	100328
2.	Report Date	11/07/2022
3.	Customer	Almatis
Stato	Winding	
4.	Core Length	4.625 "
5.	Core ID	7.125 "
6.	Back Iron Depth	0.5 "
7.	Slot Depth	1 "
8.	Tooth Width	0.25 "
9.	Number of Vents	
10.	Vent Width	
11.	Before Burnout Core loss	
12.	Flux Before Burnout	
13.	Watts before burnout	
14.	Watts loss per lb. before burnout	
15.	After Burnout Core Loss	
16.	Flux After burnout	
17.	Watts After Burnout	
18.	Watts loss per lb After Burnout	
19.	Core Iron Condition	
20.	RTD's	
21.	RTD's Reading	
22.	Motor Heaters	
23.	Heater Qty.	
24.	Heater Voltage	
25.	Heater Wattage	
26.	Thermistors	
27.	Number of Poles	6
28.	Slots	54
29.	Number of Coils	54
30.	Coil Weight	Lbs.
31.	Lead Markings	
32.	Grouping	
	18 of 2	
33.	Multiple Wires	(Y) Yes

34.	Wire Size	
	2#18	
05	1#18	
35.	Turns per coil	
	11 22	
36.	Pitch 1 to:	
	7-9	
37.	Connection	
	1+2Y	
38.	Lead Length	12 "
39.	Lead Size	
40.	Number of Leads	9
41.	Megger Reading After Rewind	
42.	Coil Machine Slot	
43.	Coil Machine Tip	
44.	Coil Machine Pitch	
45.	Hi Pot Reading After Rewind	
46.	Surge Pattern After Rewind	
47.	Service Technician	Trent
	A	



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 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.