



Reading Alloys, Inc.

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THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION.



Product Specification

Title: 15 Aluminum - 85 Vanadium Non-Aerospace Grade		Specification No.: RAI-0104 Revision: 1
Department: Thermite	<i>Approved & Released Product Specification</i>	Implementation Date: 08/10/2000
Area:		
Type of Document: RAI Product Specification		Review Period - 365 Days

Product Information:

Category: Finished Goods	Product Line: Thermite Line 1
Part Number: 30521	Revision: 1
Description: 15 Al - 85 V (Non Aerospace)	
Customer Part #:	Engineer: James Robison

1.0 Product Specification:

ELEMENT	SPECIFICATION
Aluminum	13-17%
Vanadium	82-86%
Carbon	0.10% Max
Chromium	0.10% Max
Copper	0.05% Max
Iron	0.50% Max
Manganese	0.05% Max
Molybdenum	0.15% Max
Nickel	0.05% Max
Phosphorus	0.035% Max
Silicon	0.50% Max
Sulfur	0.02% Max

Tungsten	0.02% Max
Hydrogen	0.01% Max
Nitrogen	0.05% Max
Oxygen	0.25% Max

2.0 Special Requirements:

2.01 Size

1/2 Inch X Down
Other sizes available upon request

2.02 Packaging

1000 pound open-head steel drums (55 gallon)
Other packaging available upon request

3.0 Safety & Environmental Information:

4.0 Associated Documents:

Associated Quality System Documents - None

[Click to Open an Associated Document](#)

5.0 Document Revision History:

Revision: 1	Date Created: 09/19/2008 Date of Last Revision: 09/24/2008	Last Approval Date: 09/24/2008
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Document Author: Beth Maiocchi	
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6.0 Reason for Change:

Revision:	Sec/Para Changed	Change Made:	Date
1	N/A	Initial Issue of Document	

7 Notification List:

8.0 Approvals:

First Approver's Signature

Name: James Robison/PA-ROB/Ametek
Title: Director of Technology

Sep 24, 2008 06:30:20 PM EDT - Approved by: James Robison/PA-ROB/Ametek

Document History Section