



Reading Alloys, Inc.

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THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION.

 **Product Specification**

Title: 5 Magnesium - 95 Nickel		Specification No. RAI-0035 Revision: 4
Department: Special Products	<i>Approved & Released Product Specification</i>	Implementation Date: 05/24/2005
Area:		
Type of Document: RAI Product Specification		Review Period - 365 Days

Product Information:

Category: Finished Goods	Product Line: Special Products
Part Number: 32301	Revision: 1
Description: 5 Mg - 95 Ni	
Customer Part #:	Engineer: James Robison

1.0 Product Specification:

ELEMENT	SPECIFICATION
Magnesium	4 - 6%
Nickel	Balance
Bismuth	0.0005% Max
Carbon	0.05% Max
Iron	0.10% Max
Lead	0.001% Max
Selenium	0.0005% Max
Silicon	0.15% Max
Silver	0.0005% Max
Sulfur	0.005% Max
Tellurium	0.0005% Max

Material Size:

Broken Ingots

2.0 Special Requirements:

A. Inspection:

All material is 100% visually inspected to verify metal is clean and free of debris.

B. Packaging:

Standard packaging is 500 pounds in 17 gallon open-head steel drums

* Indicates change from last revision

3.0 Safety & Environmental Information:

MSDS-032

4.0 Associated Documents:

Associated Quality System Documents - None

Click to Open an Associated Document

5.0 Document Revision History:

Revision: 4	Date Created: 09/18/2008 Date of Last Revision: 09/24/2008	Last Approval Date: 09/24/2008
Document Author: Beth Maiocchi		

6.0 Reason for Change:

Revision:	Sec/Para Changed	Change Made:	Date
1	N/A	Initial Issue of Document	11/20/92
2	N/A	Change to Lotus Notes Format	12/10/98
3	Sect 8	Added Signatory	6/9/99
4	N/A	Changed format; added reference to MSDS in Sect. 4	above

7 Notification List:

8.0 Approvals:

First Approver's Signature

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

Sep 24, 2008 04:12:41 PM EDT - Approved by: James Robison/PA-ROB/Ametek

Document History Section