



**Reading Alloys, Inc.**

220 Old West Penn Ave. Robesonia, PA 19551

**THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION.**



## Product Specification

<b>Title:</b> Aluminum Ferro-Phosphorous Briquettes		<b>Specification No.</b> RAI-0105 <b>Revision:</b> 2
<b>Department:</b> Special Products <b>Area:</b>	<b>Approved &amp; Released Product Specification</b>	<b>Implementation Date:</b> 12/16/2004
<b>Type of Document:</b> RAI Product Specification		<b>Review Period - 365 Days</b>

**Product Information:**

<b>Category:</b> Finished Goods	<b>Product Line:</b> Special Products
<b>Part Number:</b> 32208	<b>Revision:</b> 1
<b>Description:</b> Al - Fe - Phos	
<b>Customer Part #:</b>	<b>Engineer:</b> James Robison

### 1.0 Product Specification:

ELEMENT	SPECIFICATION
Aluminum	Balance
Iron	12-18%
Phosphorous	4.4-5.5%
Silicon	1.0% Max
Manganese	0.6% Max
*Carbon	0.1% Max
Titanium	0.5% Max
Others-each	0.20% Max

### 2.0 Special Requirements:

Size: 250 +/- 25 gram "Hockey Puck" briquette

Approximately 57mm diameter by 32mm thick.

Other sizes 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:

<b>Revision:</b> 2	<b>Date Created:</b> 09/19/2008 <b>Date of Last Revision:</b> 09/24/2008	<b>Last Approval Date:</b> 09/24/2008
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<b>Document Author:</b> 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	10/2/2000
2	1	Raised carbon limit	above

### 7 Notification List:

### 8.0 Approvals:

**First Approver's Signature**

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

Sep 24, 2008 06:31:16 PM EDT - Approved by: James Robison/PA-ROB/Ametek

### Document History Section