



**GILES CHEMICAL ~ PREMIER MAGNESIA****Company Form**Title: **Training Log – Lead Operator**Number: **P13-FM-100-004**Owner: **Ashley Williams**Revision: **1**Effective Date: **04/15/16**Page: **2 of 4**

<b>Raw Materials</b>	<ul style="list-style-type: none"><li>• Boiler Treatment &amp; Blow Down - #P12-PR-200-002</li><li>• Manually Filling Day Hopper - #P12-PR-200-003</li><li>• Proper Storage &amp; Inspection of Acid Gear - #S12-PR-200-017</li><li>• Acid Tanks and Supply Pump - #P12-PR-200-004</li><li>• Acid Unloading Procedure - #P12-PR-200-005</li><li>• Acid History Log Procedure - #P12-PR-200-007</li><li>• Unloading Acid Trucks - #P12-PR-200-009</li><li>• MgO Unloading Procedure - #P12-PR-200-006</li><li>• MgO Car History Log Procedure</li><li>• MgO Delivery System to Digesters #P13-PR-200-088</li></ul>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>
<b>Digesters</b>	<ul style="list-style-type: none"><li>• Monitoring System Alarms - #P12-PR-200-010</li><li>• Operating the K-S Filter Press - #P12-PR-200-017</li><li>• Operating the ACS Filter Press</li><li>• Operating the Small Press - #P12-PR-200-021</li><li>• Altering Filter Press Settings - #P12-PR-200-016</li><li>• Filter Press Set Points - #P12-PR-200-020</li><li>• Pressure Washing the K-S Filter Press - #P12-PR-200-018</li><li>• Mother Liquor Management - #P12-PR-200-014</li><li>• Digester Operations - #P12-PR-200-012</li><li>• Starting and Stopping Digesters - #P12-PR-200-013</li><li>• Starting Digester From Empty - #P12-PR-200-011</li><li>• Digester Troubleshooting Flow Chart - #P12-PR-200-025</li><li>• Cleaning the MgO Mix Pot - #P12-PR-200-015</li><li>• Crystallizer Liquid Loads - #P12-PR-200-023</li><li>• Operation of the Liquid Load pH Meter - #P12-PR-200-019</li><li>• Salt Pour Back for Reprocessing - #P15-PR-100-022</li><li>• Reprocess LMS System - #P15-PR-200-073</li></ul>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>
<b>Crystallizer</b>	<ul style="list-style-type: none"><li>• Crystallizer Operations - #P12-PR-200-026</li><li>• Mass Flow Density Loop Washout - #P12-PR-200-027</li><li>• Filling and Starting Crystallizer - #P12-PR-200-028</li><li>• Evaluating Suspended Solids - #P12-PR-200-029</li><li>• Fine Salt Loop - #P12-PR-200-030</li><li>• Crystallizer Shutdown (Temporary) - #P12-PR-200-031</li><li>• Crystallizer Extended Shutdown - #P12-PR-200-032</li><li>• Dumping and Washing a Crystallizer - #P12-PR-200-033</li></ul>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>

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- Using the Pressure Washer -
- Arch Testing – Manufacturing - **#P13-QA-100-070**
- Hose/Clamp Connect/Disconnect - **#P15-PR-200-074**
- Trouble Shooting Ideas

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_____	_____

Plant Manager: \_\_\_\_\_ Date: \_\_\_\_\_

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