



GILES CHEMICAL ~ PREMIER MAGNESIA

Company Procedure

Title: Reprocess LMS System

Number: P15-PR-200-073

Owner: Joe Rogers

Revision: 0

Effective Date: 10/15/15

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1.0 Purpose

To describe the steps take to melt down and reintroduce product that has been approved for reprocess into the beginning of the process as raw material.

2.0 Scope

This procedure applies to any in-process of finished produce. Sources of product approved for reprocessing may include, but not limited to, product determined to be non-conforming product that has been returned or damaged/incorrect packaging.

3.0 Responsibility

Lead Operator and Material Handler

4.0 Safety Considerations

Observe all manufacturing safety requirements: Safety glasses and steel toed shoes.

Safety is a condition of employment. Employees are not authorized to work in an unsafe manner and are prohibited from harming the environment of the facility or community.

5.0 Materials/Equipment

Reprocessing system/Liquid Loading system.



6.0 Procedure

Dissolving Rejected Crystal

1. Ensure Dissolving Tank is empty
2. Rinse the Dissolving Tank with City Water
3. Close bottom valve and fill with City Water to water mark.
4. Turn on steam coils and condensate return
5. Ensure 3-Way Transfer valve is in the “down position”
6. Open Circulation valve, turn on the Circulation pump, and circulate water for 30 minutes or until the water temperature reaches 74 C or higher.Temp

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7. Add 3 (THREE) tons of USP Crystal, noting the lot number of the salt added.
8. Document production information from product to the *Salt Pour Back for Reprocessing log (P12-FM-100-F022)*
9. Allow the solution to reach 74 C or higher.
10. Ensure piping on the 3-way Transfer Valve is set up to transfer the LMS to the Hold Tank.
11. If creating liquid load place the 3-way Transfer Valve into the “up position” to transfer the LMS to the hold tank.
12. If reprocessing, transfer to digester through scrap pump.

Load is Complete

1. Once the transfer is complete, stop the pump, open the bottom valve, and wash out the tank with city water.
2. Close the valve on the Holding Tank and rinse the piping with City Water.
3. Close the steam valve and the condensate valve on steam coils

13. Reference Documents

Salt Pour Back for Reprocessing log (P12-FM-100-F022)

14. Change Information

New Document

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