



GILES CHEMICAL ~ PREMIER MAGNESIA

Company Procedure

Title: **Main Plant Yearly PM Activities**

Number: **M15-PR-100-058**

Owner: **Joe Rogers**

Revision: **00**

Effective Date: **11/20/15**

Page: **1 of 2**



1.0

Purpose

To define the Main Plant Yearly Preventative Maintenance schedule and outline the steps to perform associated tasks.

2.0 Scope

The scope of the Yearly Preventative Maintenance is defined by Maintenance and Engineering as to frequency and performance tasks to include Digesters, Digester tanks, Mud Tanks, Brine Tanks and transfer lines, Crystallizer vessels, pumps, Scrubber, Screener, Boiler and facility cleaning. All activities will be recorded per (*Annual Shutdown PM/Cleaning Activities Form M15-PR-200-F058*)

3.0 Responsibility

Maintenance/Engineering are responsible for parts replacement, repair and monitoring and release inspection

Lead Operators are responsible for draining, cleaning, inspection

Production personal are responsible for associated tasks to assist maintenance and Lead Operators

4.0 Safety Considerations

Observe all manufacturing safety requirements: Safety glasses, steel toed shoes, gloves and confined space permits.

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

Hand tools

Power tools

Cleaning equipment

Inspection equipment

Pressure washer

Fork Truck

6.0 Procedure

1. Annual PM Actions

Secondary Digesters 1, 2 and 3 Cleaning

Brine Storage Tank Cleaning

Brine Feed Tank Cleaning

Mother Liquor Tank Cleaning

Ceiling Clean

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2. Semi Annual PM Actions

Primary Digesters 1, 2 and 3 Cleaning

3. Quarterly PM Actions

Primary Digester 1, 2 and 3 Down leg Cleaning
Floor Drain Cleanout

4. Weekly PM Actions

Main Plant Clean Day activities

Document all Activities on the (*Annual Shutdown PM/Cleaning Activities Form M15-PR-200-F058*)

7.0 Reference Documents

(*Annual Shutdown PM/Cleaning Activities Form M15-PR-200-F058*)

8.0 Change Information

New Document

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