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|---|--|-------------------------------|---|
|  | <b>GILES CHEMICAL ~ PREMIER MAGNESIA</b> |                               |  |
|   | <b>Company Procedure</b>                 |                               |   |
|   | Title: <b>Cleaning the MgO Mix Pot</b>   | Number: <b>P12-PR-200-015</b> |   |
|   | Owner: <b>Kenneth Basehore</b>           | Revision: <b>04</b>           |   |
|   | Effective Date: <b>1/31/17</b>           | Page: <b>1 of 2</b>           |   |

## 1.0 Purpose

The purpose of this procedure is to describe the correct steps for cleaning the Mix Pots on top of Digesters 1, 2 and 3.

## 2.0 Scope

This procedure applies to the mix pots on top of Digesters 1, 2 and 3. It does not apply to the Main MgO Mix Pot on top of Digester 4. For that procedure, refer to P17-PR-200-099.

## 3.0 Responsibility

Lead Operator, Material Handler

## 4.0 Safety Considerations

Safety shoes and safety glasses are required when working in, on, or around the digesters. Do not place your hands under the surface of the liquid in the mix pot with the agitator plugged in – the agitator blades can cut your fingers off!

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

- Scrape Tool



## 6.0 Procedure

The mix pots are a critical piece of equipment. Their correct operation ensures that the MgO is fed to the digester in such a way that the MgO neither leaves through the Digester vent, nor clumps together and forms oxysulfate cement that sinks to the bottom. If a mix pot is in use, it should be cleaned once a shift. The feed chute should be cleaned and knocked every time the digester is checked.

1. Turn the MgO Drive off; On Side #2 also turn off the Long MgO Screw and the Short MgO Screw.
2. Unplug the Mix Pot agitator.
3. Open the cover on the mix pot.
4. Use the scraper tool to knock the chute and scrape the chute clean.
5. Wipe or wash the excess MgO from all surfaces, using the hose if needed.

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6. Be careful to use as little water as possible, so the density doesn't fall.
7. Ensure the drain to the digester is not clogged. If it is clogged, rod and or pressure wash it to open it up.
8. Plug in the agitator.
9. Turn on the MgO Drive; on side #2 also turn on the Long MgO Screw and the Short MgO Screw.
10. Make sure the MgO is flowing properly.
11. Close the lid on the MgO Pot.

## 7.0 Reference Documents

P17-PR-200-099 Cleaning the Main MgO Mix Pot

## 8.0 Change Information

- Changed owner from Patrick Owen to Kenneth Basehore
- Specified the exclusion of the Main MgO Mix Pot from this procedure
- Added a reference document

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