

	GILES CHEMICAL		
	COMPANY PROCEDURE		
	Cleaning the MgO Mix Pot	Page : 1 of 3	Revision : 02 Date : 6/4/2009
	Author: Patrick Owen	Job Specific	

Personnel responsible:

1. Lead Operator, Material Handler

Safety:

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!

Summary:

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.

Procedure:

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.
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.



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TRAINING DOCUMENTATION

	EMPLOYEE	TITLE	SIGNATURE	DATE
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Revision Number	Revision Date	Revision Author	Revision Description
00	10/28/2005	PLO	Original document
01	12/15/2005	PLO	Updated after operator training
02	6/4/2009	PLO	Updated format and reviewed