
	GILES CHEMICAL ~ PREMIER MAGNESIA		
	Company Procedure		
	Title: Starting Digester from Empty	Number: P12-PR-200-011	
	Owner: Patrick Owen	Revision: 2	
	Effective Date: 05/08/13	Page: 1 of 2	

1.0 Purpose

The purpose of this procedure is to properly start the brine making process from an empty digester by filling it with water or mother liquor and by feeding it raw materials.

2.0 Scope

This procedure applies to all manufacturing workers.

3.0 Responsibility

Lead Operator

4.0 Safety Considerations

Safety glasses and safety shoes. Sulfuric acid is in use, take necessary precautions to prevent contact.

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


N/A


6.0 Procedure

1. Ensure all valves on the bottom of the digester except the circulation line are closed.
2. If mother liquor tank is over 66% full, fill with mother liquor by opening mother liquor valve to digester fully and ensuring the mother liquor recirculation valve is closed.
3. If mother liquor tank is less than 66% full, fill digester with water by opening the water valve near the hose and possibly using the hose as well.
4. Fill digester to approximately 50% full or at least 2 feet above the bottom agitator blades.
5. Stop mother liquor or water addition.
6. Proceed with normal Digester Operation Procedure.

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7.0 Reference Documents

N/A

8.0 Change Information

Document review- updated format using new template and numbering system.

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