

Personnel responsible:

1. Technical

Safety equipment:

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

Summary:

The Digesters need to be stopped when the pH meters on the Primary Digesters are calibrated.

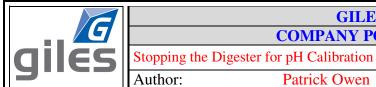
Procedure:

1) SHUTTING DOWN THE DIGESTER

- a) Inform the Lead Operator of what you are doing.
- b) Make note of the total Mother Liquor flow.
- c) If only one Digester is running, open the Mother Liquor Recirculation valve.
- d) Close the Mother Liquor Feeder valve.
- e) Stop the MgO Feed Drive.
- f) On Liquid Side, stop the Short MgO Screw and the Long MgO Screw.
- g) Close the Acid Control Shutoff valve.
- h) Close the Mix Pot Water Supply valve.
- i) Close the Density Control Shutoff valve.
- j) Proceed with the Calibration.

2) STARTING A DIGESTER

- a) Open the Mix Pot Water Supply valve. Check for water going into the mix pot.
- b) Open the Acid Control Shutoff valve.
- c) Wait until the pH in the primary digester goes below 5.00 before starting the MgO.
- d) On the Liquid Side, Start the Short MgO Screw and the Long MgO Screw.
- e) Turn the MgO Feed Drive switch on.
- f) Check to see that the MgO is flowing into the mix pot.
- g) Open the Density Control Shutoff valve.
- h) Slightly open the Mother Liquor Feeder valve.
- i) If only one Digester is running, close the Recirculation valve.
- j) Adjust Mother Liquor Feeder valve until you get the original Mother Liquor Flow.



GILES CHEMICAL

COMPANY POLICY / PROCEDURE

Page :

2 of 3

01 6/5/2009

Revision Date Author: Patrick Owen Job Specific Instruction

TRAINING DOCUMENTATION

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GILES CHEMICAL COMPANY POLICY / PROCEDURE

Stopping the Digester for pH Calibration

Page :

3 of 3

Revision Date 01 6/5/2009

Author: Patrick Owen

Job Specific Instruction

Revision Number	Revision Date	Revision Author	Revision Description
00	2/8/2006	PLO	New Procedure
01	6/5/2009	PLO	Updated for new format