	GILES CHEMICAL		
	COMPANY POLICY / PROCEDURE		
	Stopping the Digester for pH Calibration	Page : 1 of 3	Revision : 01 Date : 6/5/2009
	Author: Patrick Owen	Job Specific Instruction	

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.

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TRAINING DOCUMENTATION

	EMPLOYEE	TITLE	SIGNATURE	DATE
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