

GILES CHEMICAL CORPORATION		
COMPANY PROCEDURE		
Standard Operating Procedure	Page : 1 of 1	Revision : Date : 9/9/2005
Author: Patrick Owen	Title: (00) Evaluating Suspended Solids	

MANUF-CENT-01

Personnel responsible:

1. Lead Operator

Safety:

Safety Glasses and Safety Shoes

Summary:

Pull sample of slurry from Vacuum Crystallizer discharge pump and estimate the suspended solids using a graduated cylinder.

Procedure:

1. Pull sample from feed line to centrifuge:
 - a) Start with a clean 250mL graduated cylinder,
 - b) Open the sample valve and close the feed valve so full flow from Vacuum Crystallizer is going through the sample line.
 - c) Let the sample line run for **at least** 5 full seconds before getting the sample.
 - d) Obtain a sample by placing the graduated cylinder in the drain pot under the flow from the sample line.
 - e) Completely fill the graduated cylinder.
 - f) Wash off the outside of the graduated cylinder in the sink.
2. Evaluate sample:
 - a) Set the graduated cylinder on a solid surface and allow at least 2 minutes for the solids to settle.
 - b) The dividing line between the liquid and solids will appear.
 - c) Report the solids as the mL level of the dividing line to the nearest 10 mL.(example: 120, 130, etc)

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TRAINING DOCUMENTATION

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