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) Open the feed valve and close the sample valve.
    g) 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)

TRAINING DOCUMENTATION

	EMPLOYEE	TITLE	SIGNATURE	DATE
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Revision Number	Revision Date	Revision Author	Revision Description
00	9/9/2005	PLO	Original document
01	12/15/2006	PLO	Updated after operator training
02	6/5/2009	PLO	Updated format and reviewed