## 1.0 Purpose

The purpose of this procedure is to describe how to determine the viscosity of slurry product.

## 2.0 Scope

This procedure applies to all in-coming slurry products to the QA Laboratory.

## 3.0 Responsibility

Lab Associate is responsible for testing all slurry products.

## 4.0 Safety Considerations

Appropriate PPE is to be worn in the laboratory.

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 the community.

## 5.0 Materials/Equipment

- Viscometer – DV-11+
- #3 Spindle
- Wide mouth 500ml beaker

## 6.0 Procedure

Record the following data on forms *Slurry Testing (L12-FM-200-009)* or *Tetra Slurry Testing (L12-FM-200-010).*

1. After recording data from slurry sample bottle shake sample until all settling has re-suspended.
2. Fill the 500ml beaker to the 500ml mark with ambient temperature slurry.
3. Attach the #3 spindle to the viscometer.
4. Place the beaker of slurry under the spindle.
5. Using height adjustment knob, submerge the spindle into the sample up to the notch on the spindle shaft.

6. Press the red motor on button and insure that the RPM's are at 100.
7. After 1 minute record the cP reading.

## 7.0 Reference Documents

*Slurry Testing* *(L12-FM-200-009)*
*Tetra Slurry Testing* *(L12-FM-200-010)*

## 8.0 Change Information

Updated procedure using *SOP Template Instructions (Q12-PR-100-004)* and *Document Numbering (Q12-PR-100-003)*