

# PREMIER MAGNESIA - GILES CHEMICAL

**COMPANY POLICY** 

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Waynesville

00 10/18/2011 Date Area: QC Lab

Revision



Purpose: Determine % retained on 325 mesh sieve of slurry product

Plant:

Slurry % Retained on 325 Mesh

Lee Cagle

### **Equipment:**

325 Mesh Sieve

150ml beaker

Oven – Baxter Scientific Products

Author:

Weighing Balance – B440 Satorius

Lab Sink

Watch Glass Dish

**High Temp Gloves** 

Sieve Brush

#### **Procedure:**

- 1. After recording data from slurry sample bottle shake sample until all settling has re-suspended.
- 2. Turn on oven. (The dial setting should be at 5)
- 3. Place 150ml beaker on balance and tare to zero.
- 4. Add  $100g (\pm .04g)$  of slurry sample to beaker.
- 5. Using the lab sink, start running water through the 325 mesh screen until entire surface is wet.
- 6. Slowly start pouring the slurry sample through the screen while running water. Continue running water through the screen until no more product will pass through.
- 7. Shake excess water from the sieve and place in oven. Leave in the oven until sample and sieve have dried.
- 8. Place glass dish on the balance and tare to zero.
- 9. Wearing high temp gloves, remove the sieve from the oven and brush dried sample from screen onto the glass dish and record weight in grams. This is your % retained on 325 mesh or % +325.



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## TRAINING DOCUMENTATION

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Revision Date	Revision Author	Revision Description
10/18/11	LC	New Document
	Date	Date Author