

GILES CHEMICAL CORPORATION		
COMPANY PROCEDURE		
Standard Operating Procedure	Page : 1 of 3	Revision : 12/15/2005 Date : 11-14-05
Author: Selwyn Scoggin	Title: (00) Dryers	

Manuf-Dryers-01

Personnel responsible:

Lead operator

Safety:

Steel toed shoes and safety glasses.

Summary:

The dryers take the damp salt from the centrifuge and dry the surface moisture so the salt can be stored in a bag or super sack for an extended period of time.

Procedure:

A. Starting dryers:

1. Start dryer rotation by pressing dryer start buttons on MCC #1, and then pressing the start buttons on the VFD for the dryers.
2. Start the dryer dust collector fans.
3. Start the dryer intake fans.
4. Open steam lines and condensate lines to the heaters.
5. Allow dryers to warm up for 30 min.
6. Confirm dryer temperature controls are adjusted properly.
7. Begin feed to the dryers and adjust temperature controls accordingly.

B. Normal operation:

1. Operators are to continually monitor the dryer operation and record the operating parameters.
2. Examine the condition of the salt and make adjustments as required.

C. Shutting down dryers:

1. Stop crystal feed to the dryers.
2. Allow all salt in dryers to empty out into the discharge screw.
3. Stop dryer rotation.
4. Shut off steam and condensate valves to heaters.
5. Stop dryer inlet fans.
6. Stop dryer dust collector fans.

GILES CHEMICAL CORPORATION		
COMPANY PROCEDURE		
Standard Operating Procedure	Page : 2 of 3	Revision : 12/15/2005 Date : 11-14-05
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Manuf-Dryers-01

REVISION HISTORY

<u>Revision Date</u>	<u>Revision Number</u>	<u>Revision Description</u>
11/14/05	00	New Document
12/15/06	01	Update from Operator training

GILES CHEMICAL CORPORATION			
COMPANY PROCEDURE			
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Manuf-Dryers-01

TRAINING DOCUMENTATION

	EMPLOYEE	TITLE	SIGNATURE	DATE
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