

GILES CHEMICAL CORPORATION		
COMPANY PROCEDURE		
Standard Operating Procedure	Page : 1 of 1	Revision : Date : 9/14/2007
Author: Patrick Owen	Title: (00)Crystallizer Liquid Loads	

Personnel responsible:

1. Lead Operator, Material Handler

Safety:

Safety shoes and safety glasses are required when working in, on, or around the crystallizers.

Summary:

Once a crystallizer has been properly melted, it can be used to make liquid loads.

A. Dumping a Crystallizer

1. Use as much from the crystallizer as you can.
2. Shut the crystallizer down completely.
3. Connect a steam hose to the bottom valve and steam at least 4 hours or until the temperature reaches 50 degrees C.
4. Close the bottom valve and disconnect the steam hose – be very careful to bleed the hose off and wear gloves.
5. Connect a hose from the bottom valve to the Liquid Load pump.
6. Proceed with the Liquid Load procedure.
7. A crystallizer is probably better suited for loads of less than 27%, but can also be used for 27%.
8. When the load ends and the alarm sounds, shut the crystallizer bottom valve.
9. Then, with the pump running, connect the hose to the regular loading line.
10. Continue with the Liquid Loading procedure by stopping the pump and pressing the wash button.

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TRAINING DOCUMENTATION

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