



GILES CHEMICAL ~ PREMIER MAGNESIA

Company Procedure

Title: **Dryer Air Dehumidifier**

Number: **P12-PR-200-044**

Owner: **Joe Rogers**

Revision: **02**

Effective Date: **4/21/15**

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1.0 Purpose

A Munters dessicant-wheel type dehumidifier has been installed to dry the air feeding the dryers. This procedure is for starting up, checking, and shutting down the dehumidifier.

2.0 Scope

This procedure applies to the Dryer Air Dehumidifier at the Manufacturing Facility.

3.0 Responsibility

Lead Operator or Assistant Operator will be responsible for this procedure.

4.0 Safety Considerations

Observe all Manufacturing safety requirements. Safety glasses and steel toed shoes are required at a minimum.

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

N/A

6.0 Procedure

A. Start Up

1. At the dehumidifier control panel, turn the switch from “Off” to “Manual”.



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2. With gloves on, open the dehumidifier steam supply valve completely.



3. Ensure the wall switch for the condensate pump is "On".



4. Allow the unit to heat up for 20 minutes.
5. Make sure the air is blowing at the back of the dryers.
6. Close the dryer air gates to force the air into the dryers.

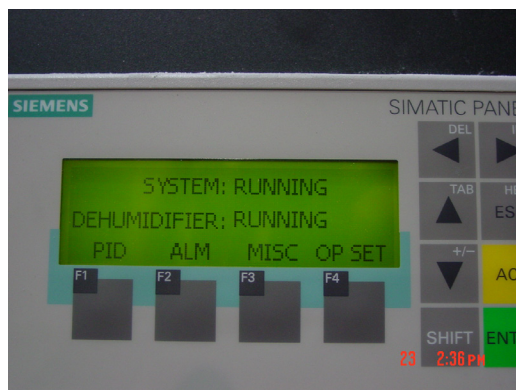


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B. Operating

1. When doing rounds, ensure the dehumidifier control panel screen says that the unit is “Running”



2. In the event that the moisture levels of the product are not in the control parameters make adjustments to the Salt Dryer/Cooler. Refer to SOP (*Salt Dryer/Cooler Start up and Shutdown P12-PR-200-085*) for instructions.

C. Shut Down

1. Open the dryer air gates to allow room air into dryers



2. At the dehumidifier control panel, turn the switch from “Manual” to “Off”.

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3. With gloves on, close the dehumidifier steam supply valve completely.



7.0 Reference Documents

N/A

8.0 Change Information

Document review- updated format using new template and numbering system.
Changed owner.

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