
	GILES CHEMICAL ~ PREMIER MAGNESIA		
	Company Procedure		
	Title: Dryer Cooler Cleaning	Number: P12-PR-200-084	
	Owner: Patrick Owen	Revision: 01	
	Effective Date: 09/03/13	Page: 1 of 2	

1.0 Purpose

The purpose of this procedure is to describe how to properly clean the Dryer and Cooler.

2.0 Scope

This procedure applies to the Dryer and Cooler at the Manufacturing Facility.

3.0 Responsibility

Lead Operator or designee 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

- Hot Hose

6.0 Procedure



During the weekly clean day the dryer and cooler need to be cleaned. Also if any maintenance has been performed inside the dryer and cooler, they need to be washed clean. The dryer and cooler are relatively easy to clean with warm water.

Cleaning the Dryer and Cooler:

1. After production has stopped, ensure all material in the Dryer and Cooler has passed out of the system.
2. Stop the discharge screw from the cooler to the Omni-belt.
3. Stop all fans (Exhaust, Dryer Zone #1, Dryer Zone #2, and Cooler).
4. Stop the both vibrating systems.
5. Ensure both drain valves are fully open on the Dryer and Cooler.
6. At the back of the Dryer, open the hatch.
7. Using a hot hose, wash all of the salt out of the Dryer.
8. You may need a flashlight to see inside the hatch to ensure everything has been washed clean.

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9. Close the Dryer hatch.
10. On the Side of the Cooler, open the hatch (you may need a short step ladder to reach it).
11. Again, using a hot hose, wash all salt residues out of the Cooler.
12. Close the cooler hatch.
13. Turn on all fans (Exhaust, Dryer Zone #1, Dryer Zone #2, and Cooler).
14. Let the system blow itself dry for at least 15 minutes.
15. Start the vibrating systems (bed shakers).
16. Start the screw to the Omni Belt.
17. Partially close both drain valves – there shouldn't be any water coming out now.
18. Dryer and Cooler are ready to use.

7.0 Reference Documents

N/A

8.0 Change Information

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

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