
	<b>GILES CHEMICAL ~ PREMIER MAGNESIA</b>		
	<b>Company Procedure</b>		
	Title: <b>Blender #2 Cleaning Procedure</b>	Number: <b>R18-PR-200-070</b>	
	Owner: <b>Charles Huggins</b>	Revision: <b>00</b>	
	Effective Date: <b>01/29/2018</b>	Page: <b>1 of 2</b>	

## 1.0 Purpose

The purpose of this procedure is to perform and standardize the large blender cleaning procedure and ensure cleaning is being done correctly.

## 2.0 Scope

This procedure applies to the Large Blender at the Tannery (Blender #2).

## 3.0 Responsibility

This procedure is to be done by the operator. The operator is responsible for assuring that the proper procedure is being followed and cleaning process is being completed. Training Operators are able to assist should any problems or questions arise.

## 4.0 Safety Considerations

Steel toed shoes, safety glasses, hair/beard nets, and smock are required in Repackaging.

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 community.

Lockout/Tagout kit is required due to nature of the cleaning process.

## 5.0 Materials/Equipment



- (2) Water hoses with nozzle
- Flat head screwdriver
- Putty knife
- Gloves
- Lockout/Tag Out Kit

## 6.0 Procedure

1. Connect water hose to water faucet on the wall beside control panel.
2. Connect 2<sup>nd</sup> water hose to the spray bar.
3. Unplug screw motor and lock out power source.
4. Disconnect and remove auger cap from bottom of auger.
5. Remove the top of the transition box for the auger.
6. Use air hose and blow out screw, casing and core.
7. Using the water hose spray down the shaft of the screw to remove any remaining salt buildup.

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8. Keep slide gate closed & turn on the water to the spray bar and let it run for a few minutes.
9. Wash inside of blender and then open the slide gate to the blender. Repeat this process as many times as needed before continuing. Turn off the spray bar.
10. Hit the E Stop on the control panel for the blender and on back wall turn off and lock out breaker for blender. Ensure Lock out is in place.
11. Remove the hose clamps and hose that are connected to the top of the blender.
12. Remove the lid from the blender by partially sliding it to the left. Do not push it all the way off.
13. Using the putty knife scrape off remaining traces of salt around the blades.
14. Spray it down using the water hose and spray bar.
15. Replace lid to blender and reconnect hose and hose clamps.
16. Remove lock from main breaker and reset the E-Stop.
17. Turn on the blender and spray bar. Rinse the remaining traces of salt out.
18. Turn the blender and spray bar off.
19. Remove the lid from the small hopper under the blender.
20. Use the hose and putty knife again to clean this one out.
21. Allow everything to dry completely before starting a new blending run.
22. Replace all lids, covers, caps, hoses and clamps.
23. Remove lock from screw motor and reconnect all twist lock connections.

## 7.0 Reference Documents

N/A

## 8.0 Change Information

00 – New Document

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