
	<b>GILES CHEMICAL ~ PREMIER MAGNESIA</b>		
	<b>Company Procedure</b>		
	Title: <b>PM of Mud Conveyor</b>	Number: <b>M13-PR-200-043</b>	
	Owner: <b>Robert Willis</b>	Revision: <b>01</b>	
	Effective Date: <b>08/26/2013</b>	Page: <b>1 of 4</b>	

## 1.0 Purpose

To outline steps necessary to complete the monthly preventive maintenance checks on the Mud Conveyor located in the Filter Press Room.

## 2.0 Scope

This procedure applies to the Mud Conveyor at the Manufacturing Facility. This procedure shall be performed monthly.

## 3.0 Responsibility

Maintenance will lead PM of machines with assistance of assigned production employees.

## 4.0 Safety Considerations

All Contractors/Service Personnel are expected to observe all safety rules and regulations while on Giles Chemical property.

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.

## 5.0 Materials/Equipment



- Tools necessary for PM of Mud Conveyor

## 6.0 Procedure

This Preventive Maintenance and/or Repair procedure should be conducted only if it can be performed without interrupting production. If some issue needs to be addressed that requires the system to be halted for any reason then the lead operator should be notified and allowed to take the equipment out of production before work begins.

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- Starting at the lower end of the mud conveyor located under the Filter Press(s) grease both bearings controlling the lower end of the belt conveyor. Visually inspect ground anchors for proper attachment and housing to ensure that it is in proper working order.





- Halfway up the mud conveyor but outside the building there is located two more grease fittings that require grease. Also visually inspect the rollers, belting, etc for any signs of required maintenance. (Two grease fitting connections at this location)



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3. When greasing on the drive end of the conveyor ensure that conveyor is in the off position and can not be operational. Grease, lube, and inspect gearbox, motor, and shaft of mud conveyor.





4. Visually confirm gear box oil levels are ok and visually inspect belt scraper is operating properly. If adjustment is required clean and adjust.



5. Visually check all lighting on walkway to confirm it is operating properly.

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## 7.0 Reference Documents

N/A

## 8.0 Change Information

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

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