
	GILES CHEMICAL ~ PREMIER MAGNESIA		
	Company Procedure		
	Title: Manufacturing Lube Procedure	Number: M13-PR-200-046	
	Owner: Robert Willis	Revision: 00	
	Effective Date: 09/16/2013	Page: 1 of 9	

1.0 Purpose

The purpose of this procedure is to describe the steps necessary to lube the dryer/cooler system during scheduled shutdown at the Main Plant. Secondary bagger equipment is captured under a separate procedure.

2.0 Scope

This procedure applies to the equipment in the production room at the Manufacturing Facility. This procedure shall be performed once weekly.

3.0 Responsibility

Maintenance Personnel

4.0 Safety Considerations

Safety glasses and appropriate safety apparel are to be worn at all times. This includes using the appropriate lockout devices for any equipment.

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

- Bucket containing tools necessary for lubrication

6.0 Procedure



This Preventive check and lube procedure should be conducted only under the direct supervision of the Lead Maintenance Tech of the shift who will be responsible for ensuring that identified equipment is lubed and checked before startup.

1. Omni-Lift (two points).



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2. Lower screw from cooler screw to omni-lift and backup elevator(s) (three points) **Figure 1.**
Screw from cooler to omni-lift/lower screw (one point) **Figure 2.**



Figure 1

Figure 2

3. Inlet Cooler Fan (two points)





4. Dryer Outlet Fan (four points)



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5. Dryer Inlet Fan (two points)



6. Scrubber Pump (two points)





7. Water Recovery Pump (four points)



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8. Dryer bearings (four points)



9. Centrifugal Fan (floor mount) (four points)





10. Chiller Motor (two points)



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11. Large Condenser Pumps



12. Small Mother Liquor Pump (two points)





13. Mother Liquor Pump from Pot to Mother Liquor Tank (two points)



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14. Small Condenser Pump (two points)



15. Elevator #1-(two points)





16. Screw from cooler screw to elevators (one point)



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17. Elevator #2 (two points)



18. Dehumidifier-(four points)





19. Screw from inlet of dryer and screw from centrifuges (3 points)



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20. Screw supporting centrifuges (three points)



21. Centrifuge 1 and Centrifuge 2 motors (four points)





22. Elevator 1 and Elevator 2 upper lube points (four points)

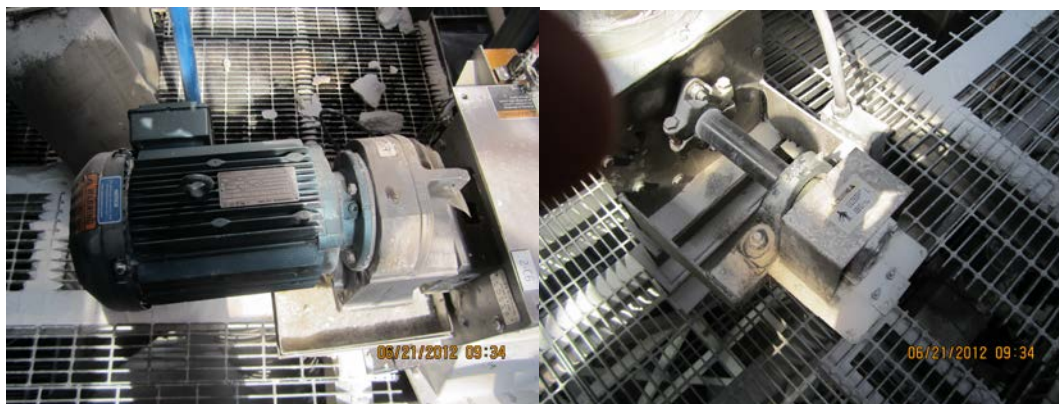


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23. Upper screw from Omni-lift to screener and hoppers (three points and lube check)



24. Upper Omni-lift lube (four points)



7.0 Reference Documents

Manufacturing Lube Log (M13-PR-200-F046)

8.0 Change Information

New Document

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