
	GILES CHEMICAL ~ PREMIER MAGNESIA		
	Company Procedure		
	Title: PM Sly Dust Collection System	Number: M16-PR-200-061	
	Owner: Thomas Evans	Revision: 00	
	Effective Date: 05/20/2016	Page: 1 of 2	

1.0 Purpose

This procedure establishes the requirements for monthly preventive maintenance for the Sly Dust Collection System.

2.0 Scope

This procedure applies to the Sly Dust Collection System at the Repackaging Facility. This procedure shall be performed monthly at a minimum or as necessary.

3.0 Responsibility

Maintenance will lead PM of equipment 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 collector
- Tools necessary for PM of fan



6.0 Procedure

Sly Dust Collection System

1. Turn off collector at electrical panel on wall behind unit.
2. Turn off air valve beside 100 HP compressor that supplies pulse jet system.
3. Check barrels under collector. If full, remove barrels and replace with empty barrels.
4. Open hatch doors to check filter condition. If filters are damaged replace with new filter.
5. Remove filters and inspect for dust build up on walls of collector. Remove dust from walls so that it falls into collection barrels.
6. Inspect gasket on filters and hatch doors. Replace if needed.
7. Re-install all filters with open end of filter pointed into collector and close all hatch doors. Make sure all hatch doors are locked down.
8. Check fan belt tension and wear. Tighten if needed.
9. Grease both bearings on fan.

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10. Check anchor bolts on fan. Tighten if loose.
11. Turn on air valve beside 100 HP compressor that supplies pulse jet system.
12. Turn on collector at electrical panel on wall behind unit.
13. Check for air leaks in filter hatch doors. Replace gaskets as needed.
14. Check all air lines and fittings for leaks. Replace or repair as needed.
15. Blow out pressure gauge lines.

7.0 Reference Documents

PM Sly Dust Collection System form

(M16-PR-200-F061)

8.0 Change Information

New Document

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