

# ROUTINE MAINTENANCE

*Dust Collector*



## ***Inspection***

Frequency will vary as widely as there are operating conditions. In general proceed as follows:

1. Daily - Check unit differential pressure.
2. Weekly - Check timer and solenoid valves for function. This usually is only listening to check uniform time interval between blasts.
3. Monthly - Lubricate fan, rotary valve and screw conveyor. Check seals on latter two for dust loss.
4. Quarterly - Inspect bags for "soft to hand" conditions and uniform tightness of clamps. On top access units, check for dust accumulation in clean air plenum.

## ***Repairs***

1. Filter Bags - Generally replacement, although some applications can be laundered.

Solenoid Valves - Repair kits are available if the valve is stuck open or fails to operate.

3. Diaphragm Valves - Repair kits are available if the valve is stuck open or fails to operate due to a ruptured diaphragm.

4. Rotary Valves - Usually a matter of periodic seal and blade replacement. More detailed information is supplied with the valve or in this manual.

5. Screw Conveyors - Periodic replacement of "V" belts and shaft seals. Inspect hanger bearings during filter bag change. Failure will be detected by the squeal.

6. Fans - "V" belt tension and replacement of bearings if running rough. Make sure rotor balance is maintained.



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