

Dust Collector Maintenance Checklist

USAF has prepared a list of recommended Preventative Maintenance checks that can provide a better operating system with less over all maintenance and increased up-time. The frequency is only a recommendation. You may wish to increase or decrease the frequency.

Checklist	Frequency
1. Visual check of LED differential reading NOTE: Differential pressure across cartridges should not exceed 5" WG, if the system is at steady state fan pulling air. System may take several days to achieve a full dust cake loading	Daily
2. Check for air leaks	Daily (per shift)
2. Listen for unusual noises in Dust collector fan & motor	Daily
4. Inspect pulse valve for diaphragm leaks NOTE: Pulse valve failures (ruptured diaphragm) will affect the collector cleaning system, repair as soon as possible	Weekly
5. Check compressed air regulators on pulsing system	Weekly
6. Check air pressure for pulsing system. NOTE: Air pressure should be 90 psi during normal operation	Weekly
7. Check fan belts, if applicable	Weekly
8. Pulse valves working when activated	Monthly
9. Inspect for Broken welds or holes in dust collector housing and connecting ductwork	Yearly