

Dust collector annual maintenance checklist

The annual dust collector service is the deep pass: the measurements, cleanings and tests a quarterly round doesn't reach. This checklist keeps the full service on record with the photos that make it defensible later. Work is commonly verified against manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The service tech on the annual service, with the collector locked out and offline. When: Once a year, scheduled during a shutdown so filters can be pulled and the clean-air side opened without dust escaping into the space.

Filter change

- ☐ **Filters changed and old media inspected**
Bags or cartridges replaced with the correct type, old media inspected for holes, caking or channeling that points to a pulse or moisture problem. 2 photos required
- ☐ **Tube sheet, cages and seals inspected on reinstall**
Tube sheet clean and flat, cages straight, gaskets and clamps sealing so no dust bypasses the new filters at the seat. 2 photos required

Internal inspection

- ☐ **Clean-air plenum and housing opened and inspected**
Clean side checked for any dust that shouldn't be there, housing and hopper walls inspected for wear-through, corrosion or abrasion at elbows and inlets. 2 photos required
- ☐ **Airlock, dampers and protection devices serviced**
Rotary airlock vanes and seals inspected for wear, dampers and blast gates freed and confirmed, explosion-protection hardware confirmed intact and unobstructed. 1 photo required