

Sewage grinder pump annual maintenance checklist

The annual sewage grinder pump 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 the applicable plumbing code, manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The pump service tech on the annual service, pulling and inspecting the pump, cleaning the basin and floats, and rechecking the full cycle. When: Once a year, the pass that pulls the pump to look at the cutter, impeller and seals, which the quarterly cycle-and-listen check can't see inside a sealed basin.

Pump and cutters

☐ **Cutter, impeller and seals inspected against wear limits**

Pump pulled, cutter and impeller inspected and measured against the manufacturer's wear limits, mechanical seal and oil chamber checked, no water in the oil suggesting a failing seal.

2 photos required

Basin and controls

☐ **Basin, floats and level controls cleaned and serviced**

Basin cleaned of grease and grit, floats and level sensor cleaned and re-hung, guide rails and cords sound, cover gasket sealing so odor and gas stay in.

1 photo required

☐ **Discharge check valve serviced**

Check valve opened and cleaned, flapper and seat sound, valve reinstalled holding against drain-back, isolation valves returned to open.

1 photo required

Performance and record

☐ **Full pump-down and alarm re-verified after service**

After reassembly, a full pump-down cycle run and timed, running amps noted, the high-level alarm re-tested, results logged with a photo and a date.

1 photo required