

Sewage grinder pump quarterly maintenance checklist

A quarterly sewage grinder pump round is short on purpose: it catches the wear items that fail between annual services. This checklist is sized for a tech with a phone. Every item says what to look at and the photo that proves the round happened. 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 plumbing or maintenance tech running the station through a cycle on the quarterly round, watching it start, grind, pump down and stop, and checking the alarm. When: Every quarter, since a grinder pump lives in a sealed basin nobody opens until it alarms, and by then a jammed cutter or a stuck float is already backing sewage up.

Pump cycle and cutters

- ☐ **Station runs a full pump-down cycle**
Pump seen starting on level, grinding and pumping the basin down to its stop point and shutting off cleanly, no long run suggesting a worn cutter or a fouled impeller. 2 photos required
- ☐ **Run current and cutter condition observed**
Running amps consistent with the pump's normal draw, no grinding or cavitation noise, no sign the cutter is dragging or the motor is laboring against a jam. 1 photo required

Level controls and check valve

- ☐ **Level controls start and stop the pump at the right points**
Floats or level sensor free of grease and rag, the pump seen starting and stopping at its set levels, off-level not so low it lets the pump run dry. 1 photo required
- ☐ **Check valve holds after pump-down**
Discharge check valve seen holding after the pump stops, level not creeping back up from drain-back, no water hammer as the valve seats. 1 photo required

Alarm

- ☐ **High-level alarm tests good**
High-level float or sensor lifted or simulated and the audible and visual alarm confirmed operating, any remote or panel signal seen reporting. 1 photo required