



Sewage Pump Maintenance Checklist

11 planned preventive maintenance tasks · Free PDF from PM Assist

A practical starting point for planned preventive maintenance. Always refer to the manufacturer's O&M manual and site-specific requirements.

Visual Checks

- ☐ Inspect the pump chamber for fat, rag, and debris buildup
- ☐ Verify the vent pipe is unobstructed
- ☐ Inspect power cables and junction boxes for damage or moisture
- ☐ Check the chamber lid seal is intact

Functional Checks

- ☐ Test float switch operation and pump start/stop levels
- ☐ Verify the pump runs without blockage, unusual noise, or excessive current draw
- ☐ Check the discharge non-return valve and isolation valves
- ☐ Test duty/standby changeover

Cleaning & Housekeeping

- ☐ Clean the pump chamber if significant buildup is present

Safety Checks

- ☐ Test high-level alarm and confirm it reports to the BMS or monitoring system

Record Keeping

- ☐ Record pump run times, test results, and any cleaning performed

Maintenance Frequency

Monthly

- Test pump operation and float switches
- Test high-level alarm
- Visual chamber inspection

Quarterly

- Chamber clean
- NRV check
- Duty/standby changeover test

Annually

- Full pump service and impeller inspection
- Electrical connection check
- Review alarm monitoring