



Submersible Pump Maintenance Checklist

10 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 cabling, lifting chains, and guide rails for condition

Functional Checks

- ☐ Confirm the pump(s) start and stop on the float switches / level controls
- ☐ Verify duty/standby changeover and duty rotation operate
- ☐ Inspect float switches and level sensors for fouling and free movement
- ☐ Check the impeller and inlet for blockage by debris or silt
- ☐ Confirm seal integrity and check for water ingress to the motor
- ☐ Check motor current and run pattern for signs of wear or blockage

Cleaning & Housekeeping

- ☐ Clean the sump/wet well of silt and debris

Safety Checks

- ☐ Test the high-level alarm activates correctly

Record Keeping

- ☐ Record operation, alarm test, and sump condition in the log

Maintenance Frequency

Quarterly

- Confirm pump operation and changeover
- Test high-level alarm
- Check floats and inlet

Annually

- Lift and inspect pump, impeller, and seals
- Clean the sump/wet well
- Cabling and guide rail check
- Level control verification