



Circulating 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

- ☐ Check for leaks at the seal, gland, and connections
- ☐ Inspect isolation valves, strainers, and any anti-vibration mounts

Functional Checks

- ☐ Confirm the pump runs and, on duty/standby sets, that changeover works
- ☐ Listen and feel for bearing noise, vibration, and overheating
- ☐ Verify variable speed control operates and is set correctly
- ☐ Confirm flow and differential pressure are within design
- ☐ Check the motor current against rated values
- ☐ Verify the pump is venting and free of air locks
- ☐ Check electrical connections, isolation, and controls

Record Keeping

- ☐ Record currents, flows, changeover, and any repairs in the log

Maintenance Frequency

Quarterly

- Confirm operation and duty/standby changeover
- Check for leaks and noise
- Verify speed control

Annually

- Full inspection of seals and bearings
- Flow and current verification
- Strainer clean
- Electrical and control checks