



# Booster Pump Set 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 break tank for cleanliness and correct water level (where fitted)
- ☐ Inspect pipework, valves, and flexible connections for leaks

## Functional Checks

- ☐ Check pump for noise, vibration, and seal leaks
- ☐ Verify each pump runs and achieves design pressure
- ☐ Test duty/standby changeover and cascade sequencing
- ☐ Check pressure vessel pre-charge
- ☐ Verify pressure transducer readings match a reference gauge
- ☐ Check float valve operation in the break tank
- ☐ Verify inverter drive operation and fault logs

## Safety Checks

- ☐ Check the RPZ valve or type AA/AB air gap for backflow prevention

## Record Keeping

- ☐ Record pressures, pump currents, and operational hours per pump

## Maintenance Frequency

### Monthly

- Visual inspection of pumps and break tank
- Check system pressures

### Quarterly

- Test changeover sequence
- Check pressure vessel
- Inspect break tank cleanliness

### Annually

- Full pump service including seal and bearing check
- Inverter inspection
- Break tank clean and inspection
- Backflow prevention device test