



Calorifier (Hot Water Storage Vessel) 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 sacrificial anode condition (where fitted) and replace if >50% consumed
- ☐ Inspect insulation jacket for damage or wet patches indicating leaks
- ☐ Inspect pipework connections for leaks or corrosion

Functional Checks

- ☐ Check stored water temperature is above 60°C throughout the vessel
- ☐ Verify water temperature at the nearest outlet reaches 50°C within one minute
- ☐ Check primary coil flow and return temperatures
- ☐ Check thermostat and aquastat calibration
- ☐ Check the drain valve operates and allow a brief flush to check water clarity

Safety Checks

- ☐ Test the temperature and pressure relief valve operates freely
- ☐ Verify legionella temperature monitoring is in place

Record Keeping

- ☐ Record stored temperature, outlet temperatures, and any maintenance performed

Maintenance Frequency

Monthly

- Record stored water and outlet temperatures
- Visual inspection for leaks

Quarterly

- Test T&P relief valve
- Check anode condition (annual replacement cycle)

Annually

- Full internal inspection where possible
- Descale if hardness levels warrant
- Replace sacrificial anode
- Review legionella risk assessment
- Check thermostat calibration