



Unvented Hot Water Cylinder 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 the tundish and discharge pipe route to a safe, visible termination
- ☐ Inspect for leaks at the cylinder, valves, and connections
- ☐ Confirm there is no continuous discharge from the tundish (a fault sign)

Functional Checks

- ☐ Check the expansion vessel charge pressure or re-pressurise the bubble-top
- ☐ Test the expansion (pressure) relief valve discharges and reseats cleanly
- ☐ Test the temperature & pressure (T&P) relief valve operation
- ☐ Confirm stored water temperature is set safely (typically ~60–65°C)
- ☐ Check the immersion/indirect heat source and thermostat operation
- ☐ Verify the strainer and any inlet control group (PRV) are clear and set correctly

Record Keeping

- ☐ Record the service, valve tests, and vessel pressure in the log

Maintenance Frequency

Annually

- Service safety valves and check expansion vessel
- Test T&P and expansion relief valves
- Inspect tundish and discharge
- Verify temperatures and thermostat