



Trace Heating Panel 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 heating cable fixings and insulation at accessible points
- ☐ Check for damaged or displaced insulation on trace-heated pipework

Functional Checks

- ☐ Check the panel status display for alarms or tripped circuits
- ☐ Verify each trace heating circuit is operational (check current draw)
- ☐ Measure insulation resistance of each heating element circuit
- ☐ Check thermostat settings match the required frost protection temperature
- ☐ Verify alarm outputs to BMS or monitoring system

Safety Checks

- ☐ Verify earth leakage protection devices (RCDs) operate correctly
- ☐ Test the high-temperature alarm where fitted

Record Keeping

- ☐ Record insulation resistance values, current draw per circuit, and thermostat settings

Maintenance Frequency

Monthly

- Check panel for alarms and tripped circuits (especially during winter months)

Annually

- Full inspection before the heating season
- Insulation resistance test on all circuits
- Thermostat calibration
- RCD test
- Inspect accessible cable runs