



Heat Meter 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 temperature sensor pockets for corrosion or poor thermal contact
- ☐ Check for air in the pipework at the flow sensor location

Functional Checks

- ☐ Check the meter display is operational and showing current readings
- ☐ Compare flow temperature sensor reading with a reference thermometer
- ☐ Compare return temperature sensor reading with a reference thermometer
- ☐ Verify the flow meter reading against a reference or system design flow rate
- ☐ Check the calculated energy reading is incrementing correctly
- ☐ Verify the data communication link (BMS, M-Bus, Modbus) is functioning

Cleaning & Housekeeping

- ☐ Clean the strainer upstream of the flow meter if fitted

Record Keeping

- ☐ Record cumulative energy, flow and return temperatures, and flow rate

Maintenance Frequency

Monthly

- Read and record the cumulative energy value
- Check display is operational

Annually

- Full accuracy check against reference instruments
- Clean strainer
- Verify communication link
- Inspect sensor pockets