



BTU / Heat Meter (Heat Network) 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 for leaks, debris, or air affecting the flow sensor
- ☐ Verify meter identification matches the dwelling/tenant and schedule

Functional Checks

- ☐ Read the integrator energy total and reconcile against billing/aMR data
- ☐ Confirm flow and return temperature sensors are correctly fitted in their pockets
- ☐ Check the measured temperature difference (delta-T) is plausible for the load
- ☐ Verify the flow sensor reads correctly and is the right size for the flow
- ☐ Check comms/pulse output to the aMR or billing system is reporting

Record Keeping

- ☐ Confirm the integrator configuration (sensor pairing, units, pulse) is correct
- ☐ Confirm the meter meets accuracy class and any MID/Heat Network requirements
- ☐ Record readings, delta-T, and configuration checks in the metering log

Maintenance Frequency

Quarterly

- Read integrator and reconcile with billing
- Check plausible delta-T
- Confirm comms reporting

Annually

- Verify temperature pair and flow sensor
- Confirm integrator configuration and accuracy class
- Inspect for fouling/air
- Audit meter-to-dwelling mapping