



Gas Meter (Mains & Sub-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

- ☐ Check the meter housing is ventilated and not enclosed or obstructed
- ☐ Inspect the meter, pipework, and connections for corrosion and damage
- ☐ Verify meter identification matches the metering schedule and drawings

Functional Checks

- ☐ Take a manual reading and reconcile against the BMS/aMR logged value
- ☐ Confirm the pulse/comms output increments and matches the register

Safety Checks

- ☐ Inspect for signs of gas leakage (smell, hissing) and escalate immediately if found
- ☐ Confirm the emergency control valve is accessible and clearly identified

Record Keeping

- ☐ Apply the correct volume-correction/calorific factor for energy reporting
- ☐ Review consumption trends for unexplained changes
- ☐ Record readings, pulse checks, and observations in the metering log

Maintenance Frequency

Monthly

- Reconcile manual vs logged reading
- Review consumption trend
- Confirm ECV accessible

Annually

- Verify pulse/comms output
- Confirm correction factors
- Check ventilation and condition
- Review trends and sizing