

Work on Supply & Gas Tightness Sequence

Complete Pre-test Considerations

- a) Is Installation $< > 0.035\text{m}^3$ (Do you need to calculate the IV)
- b) What Size Meter and Max Size Pipework (Cannot work on Meter above U16 or pipework above 35mm)
- c) New or Existing Installation (Are existing gas appliances attached)
- d) Allowable Pressure Drop during 2 Min Gas Tightness Test

Prepare Installation For Test (Pre-contamination)

- e) Visually Inspect Appliances (Location, Clearances, Distress, Ventilation, Fluing) Whilst
- f) Lifting Cooker Lids, Outing Pilots, and Turning Down Electronic Boilers

Turn off ECV – Connect Manometer and commence Meter & Pipe work Visuals

- a) ECV – Accessible, Operational, Falls by 90 deg to off, Correctly Labelled on/off
- b) Anaconda, Regulator Cap, and Tamperproof Seal
- c) Meter Support and Emergency Label
- d) PEB (Protective Equipotential Bonding within 60mm consumer side meter)
- e) Where passing from meter box or through cavity, suitably sleeved and sealed
- f) Others, proximity to electrics, correct use of pipe and fittings

Commence Tightness Test

- a) Pre-contamination Let By Test – 7 to 10mb for 1 Min (Perceptible movement 0.25mb) If Fails – Manually Test by LDF on ECV Balljoint (temp bond across meter, disconnect anaconda from downstream side of ECV).
- b) Pre-contamination Temperature Stability Test – 20 to 21mb 1 Min (return to 20 to 21mb then continue test).
- c) GAS TIGHTNESS TEST 20 to 21mb for 2 Minutes. (Existing appliances confirm your allowable drop and no smell of gas, No Existing Appliance 0mb drop allowed – perceptible movement only).

If Working on the supply with an Ignition Source

- a) Consideration for Meter Decommission and Pipe work Preparation & Post Work Gas Tightness
- b) Temporary Bonding and safe use of jointing materials and equipment

Where the Installation has been subjected to the atmosphere

1st Complete Post Work Gas Tightness Then; PURGE the installation and

- a) Commission any newly installed appliances , or appliances being reconnected to the supply
- b) Relight, Visually inspect and test operation of appliances as turned back on

Complete any job reporting and unsafe notification documentation and actions

Revised: October 2017 @ (CTS Group)