Disconnection of Gas Meters for Service Layers (DEO1) (Non-Accredited)

Introduction:

This assessment criteria have been developed for gas team leader i.e. service layer. The criteria detail the required skills, knowledge and behaviour that a learner should expect to be assessed against during their assessment. Successful completion of this unit will demonstrate a learner's ability to disconnect gas meters from existing gas service supplies ensuring all safety requirements are adhered to and will include the following:

- Disconnect gas meters
- Use and communicate data and information
- Understand relevant health and safety guidance and legislation
- Understand how to disconnect gas meters

Range:

- All gas fittings in-conjunction with the installation of primary domestic gas meters of capacity ≤ 6m^3/h, connecting to an outlet 1^1/$_4$ or 35mm and with a volume ≤ 0.035m^3

Exclusions:

- Work on appliances
- Work in a non-domestic premise
- Work on the special requirements for the installation & commissioning of the communication and data systems on smart meters

Pre-requisites:

- NCO 2 or equivalent

Practical Provisions

Provisions:

1.	Meter installation, including a LP domestic meter installed and connected to installation pipework with a selection of appliances, connected to a Natural Gas supply.
2.	Meter installation (connected to an outlet supply), to enable demonstration of use of temporary earth continuity bonding.

Performance Criteria

Disconnection of Gas Meters

P1	Perform work activities safely at all times in accordance with legislative and regulatory requirements
P2	Carry out site specific risk assessment
P3	Select and wear designated PPE
P4	Prepare electronic gas detection equipment ready for use
P5	Prepare instant voltage tester (volt stick) ready for use
P6	Determine the pressure in the supply as being low or medium pressure, in line with approved procedures
P7	Determine the suitability of existing equipotential bonding, in line with approved procedures
P8	Determine the type of meter in use, in line with approved procedures
P9	Comply with industry standards and approved codes of practice when: a) Installing temporary continuity bonding b) Isolating the gas supply and appliances c) Disconnecting components d) Removing meter e) Cap open ends of meter and internal supply f) Cap and secure the emergency control valve

P10	Prevent damage to components, the meter and supply apparatus
P11	Confirm there is no damage or leakage to the supply apparatus
P12	Handle excess, waste materials and temporary attachments in line with approved and agreed procedures
P13	Comply with procedures where lone working is required
Use and communicate data and information	
P14	Be able to use and communicate data and information
P15	Use organisational information systems to record and store data and information
P16	Complete work documentation accurately
P17	Record work documentation in the specified place or pass to a designated person
P18	Explain the types of records and documentation used when disconnecting meters
P19	Be able to resolve problems which arise during the disconnection of gas meters
P20	Report promptly to the designated person damage or defects to resources using approved procedures
P21	Report promptly to the designated person suspected theft of gas using approved procedures
P22	Handle problems within the limits of own responsibility
P23	Report to the designated person problems and conditions outside the responsibility of the job role
Knowledge & Understanding	
Health and safety guidance and legislation in utilities network construction operations	
K1	State the main responsibilities of the employer and employee under the Health and Safety at Work Act
K2	State the main responsibilities of employers and employees under Working at Height Regulations
K3	Describe the safe procedures for handling hazardous materials
K4	Explain the organisational accident recording and reporting procedures
K5	Identify the range and use of PPE for the work
K6	Describe the safe use of a standard voltage meter and the limitations of use
	Disconnect meters, to Include Safe to Touch as referenced in TB 118
Disconnection of gas meters	
K7	Explain the specific gravity of natural gas and its relationship to air
K8	Identify different types of meter
K9	Explain how to correctly handle different types of meters
K10	Describe effective methods for the prevention of dangerous concentrations of gas
K11	Describe potential ignition sources
K12	Explain equipotential bonding including: a) Risks where bonding is not used b) Cross sectional area c) Warning labels d) Distance from meter outlet
K13	Identify situations where it is necessary to leave temporary continuity bonding in place on completion of the work
K14	Explain correct reporting procedures