

# Network Construction Operations (Gas)

## Level 2 Diploma

### Who Should Attend

Operatives requiring a recognised qualification to work within the gas industry

### Prerequisites

The individual must be working in the gas Industry for a major asset owner, or as part of the sub-contracting supply chain. The individual must hold Gas SHEA.

### Qualification Content

Delegates are required to produce a portfolio of evidence that confirms their experience and competence to work within the water distribution network. The qualifications are achieved by on-site assessment and will include practical tasks and oral questioning.

There are 2 qualifications;

1. Service Laying
2. Main Laying

There are 3 pathways within each qualification;

1. Self Lay
2. Distribution
3. Repair and Maintenance

Candidates must complete the pathway which is appropriate to their job role.

### Mandatory units common to both the main & service laying qualifications

- Create an efficient and effective environment in utilities network construction
- Maintain a safe and secure working environment in water network construction
- Establish and maintain effective working relationships in utilities network construction
- Install equipment for safe working on sites for utilities network construction
- Locate and avoid supply apparatus for utilities network construction
- Excavate and maintain holes and trenches for utilities network construction
- Operate powered tools and equipment for routine and predictable requirements on utilities network construction
- Join materials by electro fusion processes on Utilities Network Construction
- Install equipment for safe working on the highway for utilities network construction (required for Distribution Pathway)

### Mandatory units (Service laying)

- Conduct specified testing of Gas services
- Install Gas services up to 63mm

### **Mandatory units (Main laying)**

- Joint materials by butt fusion processes on Utilities Network Construction, up to 180mm diameter
- Conduct specified testing of Gas network engineering products or assets - main
- Install gas engineering products or assets up to 180mm

### **Additional units (Repair and Maintenance)**

- Restore gas network components to operational condition by repair
- Conduct specified testing of gas networks associated with leakage location
- Minimise risks to life, property and the environment during Gas escapes
- Analyse and interpret the results of Gas Leakage Surveys to determine the location of Gas Escapes

### **Contact**

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