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## **600/1534/2 Level 2 Diploma in Network Construction Operations (Gas) - Main Layer**

### OVERVIEW

- What does this qualification cover?

This Framework qualification you covers the following mandatory topics:

- Create an efficient and effective environment in Utilities Network Construction
- Maintain a safe and secure working environment in Utilities 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 electrofusion processes on Utilities Network Construction
- Joint materials by butt fusion processes on Utilities Network Construction, up to 180mm diameter
- Conduct specified testing of Gas network engineering products or assets - mains
- Install gas engineering products or assets up to 180mm

and depending on whether work is on sites, on the highway or repair and maintenance a choice of:

- Install equipment for safe working on the highway for utilities network construction
- Conduct specified connections to gas network mains and commissioning
- Conduct specified connections to gas network mains and commissioning
- 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

The following can also be taken but they do not form part of the qualification:

- Reinstall excavation and pavement surfaces after utility network construction operations
  - Join materials by butt fusion processes on Utilities Network Construction, above 180mm diameter
  - Joint materials by fusion processes on utilities network construction, above 180mm diameter
  - Decommissioning and abandonment of mains and services 63mm and above
  - Install gas engineering products or assets above 355mm
  - Install gas engineering products or assets above 180mm up to and including 355mm
  - Operate within the gas intermediate pressure range
  - Operate safely in emergency situations within the gas intermediate pressure range
- Who could take this qualification? OR who is this qualification designed for?

Candidates must be a network operative employed on the gas distribution networks, either directly with an asset owner or through an outsourced operations company.

#### WHAT COULD THIS QUALIFICATION LEAD TO?

- Will the qualification lead to employment, and if so, in which job role at which level?

This qualification is suitable for:

- Gas Mainlayer – Self Lay
  - Gas Mainlayer -Distribution
  - Gas Mainlayer -Repair and Maintenance
- Will the qualification support progression to further learning, if so, what to?

After completing this qualification further skills can be gained by taking the following qualifications:

- Level 2 NVQ in Gas Network Operations (Service laying)

and if progressing to a supervisory role then:

- Level 3 Diploma in Gas Network Construction Operations

#### WHO SUPPORTS THIS QUALIFICATION?

This qualification is supported by the **Institute of Gas Engineers and Managers**