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600/1535/4 Level 2 Diploma in Network Construction Operations (Gas) - Service Layer

OVERVIEW

This is a work-based learning qualification that enables you to work in the Network Construction Industry installing gas service connections to individual properties.

ABOUT THIS QUALIFICATION

This Framework qualification covers the following mandatory topics which are all related to the Gas Network Construction industry:

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

Depending on whether the work you are involved with is on-site, on the highway, or on repair and maintenance of the network, you may make a choice of:

- Install equipment for safe working on the highway for utilities network construction
- 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 to broaden your range of skills but they do not form part of the qualification:

- Reinstatement excavation and pavement surfaces after utility network construction operations
- Install or replace external gas service risers



- Disconnection of Gas Meters
- Decommissioning and abandonment of mains and services 63mm and above
- Operate within the gas intermediate pressure range
- Operate safely in emergency situations within the gas intermediate pressure range

This qualification is not approved for learners under 16 years of age.

WHY TAKE THIS QUALIFICATION INSTEAD OF OTHER SIMILAR QUALIFICATIONS

This qualification is for those employed in the industry on gas distribution networks, either directly with an asset owner or through an outsourced operations company.

City & Guilds offer other similar qualifications for those carrying out Gas main laying and can specialise in distribution, self lay or repair and maintenance and for those in the Water industry who carry out main laying, service laying or repair & maintenance.

This qualification is also available as part of an Apprenticeship Framework. You will take this qualification as part of an Apprenticeship if you are new to the Utilities industry. In the apprenticeship you will also need to undertake an additional knowledge-based qualification as well as be assessed in functional skills in maths and English.

WHAT COULD THIS QUALIFICATION LEAD TO?

This qualification is suitable for those working in the following roles:

- Gas Servicelayer -Self Lay
- Gas Servicelayer -Distribution
- Gas Servicelayer -Repair and Maintenance

WHAT PROGRESSION OPPORTUNITIES ARE THERE?

After completing this qualification you can add further skills by completing another pathway within service laying or further skills can be gained by taking the following qualifications:

- Level 2 Diploma in Gas Network Operations (Main laying)
- Level 2 Diploma in Network Construction Operations (Water) - Main Layer
- Level 2 Certificate in Network Construction Operations (Water) - Service Layer
- Level 2 Diploma in Network Construction Operations (Water) - Repair and maintenance

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 following companies:

National Grid
Northern Gas Networks
Wales & West Utilities
SGN

McNicholas