

Industry Standards - Gas

Gas Network Team Leader

The main role of a gas network distribution team leader is to safely build, maintain and repair the UK's gas network infrastructure to provide a reliable supply of gas to domestic, commercial and industrial users.

There are two job roles within this occupation: team leader service laying and team leading main laying. The roles require work in all weather conditions at many sites across each company's network, using a range of tools and equipment to install new mains or services and repair the existing asset infrastructure.

Team leaders are trained to develop a disciplined approach to work safely on a wide range of gas related equipment and to decide on the approach to be taken to complete work, within given instructions, by the team. The team for operational safety reasons is usually made up of two or on occasion, three, people. In addition to the high level of specialist skills required, each team leader will need to demonstrate industry specific knowledge, including relevant legislation, safety procedures and protection of the environment.

This rules of combination document sets out the requirements set by employers in the industry for the following:

- Gas network team leader – service layer
- Gas network team leader – mains layer

Gas Network Team Leader – Service Layer

Unit detail:

- 18 induction units (A)
- 13 common core mandatory units (B)
- 2 mandatory (M) units from specialist group C
- A **minimum of 1** optional unit from specialist group C

Induction - Core Requirements (A)		
Unit Code	Title	Internal Ref
	Download all Induction Units here	
IND01	Health, Safety and the Environment	2728
IND02	Personal Safety	2728
IND03	Asbestos Awareness	2728
IND04	Emergency First Aid	2728
IND05	Operational Procedures	2728
IND06	Fire Control	2728
IND07	Drug and Alcohol Awareness	2728
IND08	Equality and Diversity	2728
IND09	Customer Focus and Working with Others	2728
IND10	Security Asset (including IT) Protection	2728
IND11	Gas Industry Regulation	2728
IND12	Gas Industry Overview and Appreciation	2728
IND13	Work at Height	2728
IND14	Working in Low Risk Confined Spaces	2728
IND15	Excavation Support Systems up to 2.5 Metres Deep	2728
IND16	Anchorage of Mains Operating at ≤ 2 bar	2728
IND17	Breathing Apparatus	2728
IND18	Gas Industry Specific Tools and Equipment	2728

Common Core Mandatory (B) – must take all 7 of the following units:		
Unit Code	Title	Internal Ref
SMLM01	Create an Efficient and Effective Environment in Utilities Network Construction	2629
SMLM02	Maintain a Safe and Secure Working Environment in Utilities Network Construction	2630
SMLM03	Establish and Maintain Effective Working Relationships in Utilities Network Construction	2631
SMLM04	Locate and Avoid Supply Apparatus for Utilities Network Construction	2632

SMLM05	Excavate and Maintain Holes and Trenches for Utilities Network Construction	2633
SMLM06	Operate Powered Tools and Equipment for Routine and Predictable Requirements on Utilities Network Construction	2634
SMLM07	Joint Materials by Electro-fusion Processes on Utilities Network Construction	2635

Specialist Units (C) – all units must be taken

Unit Code	Title	Internal Ref
SLM01	Install Low and Medium Pressure Gas Services up to and Including 63mm Diameter	2618
SLM02	Conduct Specified Testing of Gas Services	2619
SLM03	Safe Control of Operations 1 & 2 Competent Person	2637
SLM04	Location and Avoidance of Underground Apparatus	2638
SLM05	Signing, Lighting and Guarding	2639
SLM06	Excavation in the Road / Highway	2640

In addition they **MUST** take a minimum of one of the following units:

Unit Code	Title	Internal Ref
SML001	Install Equipment for Safe Working on Sites for Utilities Network Construction	2641
SML002	Install Equipment for Safe Working on the Highway for Utilities Network Construction	2642

Additional Optional Units

Additional Optional Units		
Unit Code	Title	Internal Ref
SMLMAO01	Restore Gas Network Components to Operational Condition by Repair	2620
SMLMAO02	Minimise Risk to Life, Property and the Environment during Gas Escapes	2621
SMLMAO03	Conduct Specified Testing of Gas Networks Associated with Leakage Location	2622
SMLMAO04	Analyse and Interpret the Results of Gas Leakage Surveys to Determine the Location of Gas Escapes	2623
SMLMAO05	Utility SHEA Gas	2636
SMLMAO06	Reinstate Excavation and Pavement Surfaces after Gas Network Construction Operations	2624
SMLMAO07	Reinstatement and Compaction of Backfill Materials	2625

SMLMAO08	Reinstatement of Sub-base and Road-base on Non-bituminous Materials	2626
SMLMAO09	Reinstatement of Cold-lay Bituminous Materials	2627
SMLMAO10	Reinstatement of Hot-lay Bituminous Materials	
SMLMAO11	Reinstatement of Concrete Slabs	
SMLMAO12	Reinstatement of Modular Surfaces and Concrete Footways	2628
SLMAO01	Install or Replace External Gas Service Risers up to 2" in Diameter	2616
SLMAO02	Disconnection of Gas Meters	2617

Gas Network Team Leader – Mains Layer

Unit detail:

- **18** induction units (A)
- **13** common core mandatory units (B)
- **5** mandatory (M) units from specialist group C
- A **minimum of 1** optional unit from specialist group C

Induction - Core Requirements (A)		
Unit Code	Title	Internal Ref
	Download all Induction Units here	
IND01	Health, Safety and the Environment	2728
IND02	Personal Safety	2728
IND03	Asbestos Awareness	2728
IND04	Emergency First Aid	2728
IND05	Operational Procedures	2728
IND06	Fire Control	2728
IND07	Drug and Alcohol Awareness	2728
IND08	Equality and Diversity	2728
IND09	Customer Focus and Working with Others	2728
IND10	Security Asset (including IT) Protection	2728
IND11	Gas Industry Regulation	2728
IND12	Gas Industry Overview and Appreciation	2728
IND13	Work at Height	2728
IND14	Working in Low Risk Confined Spaces	2728
IND15	Excavation Support Systems up to 2.5 Metres Deep	2728
IND16	Anchorage of Mains Operating at ≤ 2 bar	2728
IND17	Breathing Apparatus	2728
IND18	Gas Industry Specific Tools and Equipment	2728

Common Core Mandatory (B) – must take all 7 of the following units:		
Unit Code	Title	Internal Ref
SMLM01	Create an Efficient and Effective Environment in Utilities Network Construction	2629
SMLM02	Maintain a Safe and Secure Working Environment in Utilities Network Construction	2630
SMLM03	Establish and Maintain Effective Working Relationships in Utilities Network Construction	2631
SMLM04	Locate and Avoid Supply Apparatus for Utilities Network Construction	2632

SMLM05	Excavate and Maintain Holes and Trenches for Utilities Network Construction	2633
SMLM06	Operate Powered Tools and Equipment for Routine and Predictable Requirements on Utilities Network Construction	2634
SMLM07	Joint Materials by Electro-fusion Processes on Utilities Network Construction	2635

Specialist Units (C) – all units must be taken

Unit Code	Title	Internal Ref
MLM01	Joint Materials by Butt Fusion Processes on Utilities Network Construction up to 180mm Diameter	2610
MLM02	Install Gas Engineering Products or Assets from 90mm up to 180mm Diameter	2611
MLM03	Conduct Specified Testing of Gas Network Engineering Products or Assets – Mains up to and including Medium Pressure	2612
MLM04	Conduct Specified Connections to Gas Network Mains and Commissioning	2613
MLM05	Safe Control of Operations 1 & 2 Competent Person	2725
MLM06	Safe Control of Operations 5 Routine Operations	2614
MLM07	Location and Avoidance of Underground Apparatus	2726
MLM08	Signing, Lighting and Guarding	2727
MLM09	Excavation in the Road / Highway	2937

In addition they **MUST** take a minimum of one of the following units:

Unit Code	Title	Internal Ref
SMLO01	Install Equipment for Safe Working on Sites for Utilities Network Construction	2641
SMLO02	Install Equipment for Safe Working on the Highway for Utilities Network Construction	2642

Additional Optional Units

Additional Optional Units		
Unit Code	Title	Internal Ref
SMLMAO01	Restore Gas Network Components to Operational Condition by Repair	2620
SMLMAO02	Minimise Risk to Life, Property and the Environment during Gas Escapes	2621
SMLMAO03	Conduct Specified Testing of Gas Networks Associated with Leakage Location	2622

SMLMAO04	Analyse and Interpret the Results of Gas Leakage Surveys to Determine the Location of Gas Escapes	2623
SMLMAO05	Utility SHEA Gas	2636
SMLMAO06	Reinstate Excavation and Pavement Surfaces after Gas Network Construction Operations	2624
SMLMAO07	Reinstatement and Compaction of Backfill Materials	2625
SMLMAO08	Reinstatement of Sub-base and Road-base on Non-bituminous Materials	2626
SMLMAO09	Reinstatement of Cold-lay Bituminous Materials	2627
SMLMAO10	Reinstatement of Hot-lay Bituminous Materials	
SMLMAO11	Reinstatement of Concrete Slabs	
SMLMAO12	Reinstatement of Modular Surfaces and Concrete Footways	2628
MLMAO01	Joint Materials by Butt Fusion Processes on Utilities Network Construction 180mm - 355mm Diameter	2606
MLMAO02	Install Gas Engineering Products or Assets Above 180mm - 355mm Diameter	2607
MLMAO03	Decommissioning and Abandonment of Mains and Services 63mm and above	2608
MLMAO04	Safe Control of Operations 4 Non-routine Operations	2609