
Level 2 End-Point Assessment - Gas Network Operative



EPA Specification Section 2 – Mapping the Standard

Contacts

This specification has been designed to provide all the advice and guidance you need to prepare yourself and your apprentices for end-point assessment. However, if you have any further questions please contact the EUIAS Help Desk using one of the following:

Help Desk email: enquiries@euias.co.uk

Help Desk telephone: 0121 713 8310

Purpose

The purpose of this section is to introduce the elements of the Standard and the referencing system used by the EUIAS. It provides an 'at-a-glance' view of which parts of the standard are assessed by which assessment method.

The Standard

The standard is divided into:

- Core Knowledge
- Core Skills
- Core Behaviours

Core Knowledge:

K1 Utility industry structure and regulatory requirements, including the Gas Act and regulatory surveys

K2.i Health and safety standards, regulations, and practice, including risk assessments and safe systems of work, permits to work, working in confined spaces, personal protective equipment (PPE), manual handling

K2.ii Health and Safety at Work Act, New Roads and Street Works Act, working at heights, Provision and Use of Work Equipment Regulations (PUWER), Control of Substances Hazardous to Health (COSHH), Lifting Operations Lifting Equipment Regulations (LOLER), first aid, fire safety, asbestos awareness

K3 Environmental regulatory requirements: Environment Protection Act, disposal of waste and recycling

K4 Principles and processes that underpin the location of gas utility network assets, including health and safety guidance on avoiding damage to underground utility services

K5.i Checks and operation requirements for commonly used gas utility network operations equipment and tools, for example utility location equipment/tools, pneumatic gun, hand/power tools – power disc cutter, chain saw, drills

K5. ii Maintenance and storage requirements for commonly used gas utility network operations equipment and tools, for example utility location equipment/tools, pneumatic gun, hand/power tools – power disc cutter, chain saw, drills

K6 Principles of traffic management and control. **K9** Procedures for gas network emergencies

K7 Excavation techniques, for example, open cut, moling, vacuum extraction. Trench support for example, proprietary systems, sheeting and mechanical

K8 Procedures for the construction, testing, purging, repair commissioning and decommissioning of gas network assets

K9 Procedures for gas network emergencies

K10 Electrical safety, including equipotential bonding

K11 Emergency services and statutory authorities – local authorities, highway authorities and Environment Agency; who they are, what they do; escalation procedures

K12 Communication techniques – written, verbal; customer service techniques

K13 Reporting channels; limits of authority

K14 Equality & diversity considerations in the workplace. **K15** Data – purpose and protection, for example asset records

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K16 Information technology, for example to support an accurate audit trail using electronic equipment including handheld and mobile devices

Core Skills:

- S1** Identify hazards and implement controls to reduce risks
- S2** Interpret work instructions, engineering instructions and determine actions
- S3** Identify and organise resources to undertake activities
- S4** Comply with workplace health, safety & environmental policy, and practice, including use of Personal Protective Equipment (PPE) and safety equipment
- S5** Set out signing, lighting, and guarding
- S6** Excavate holes for gas utility network services
- S7** Monitor and maintain site conditions, including good housekeeping
- S8** Identify, locate, and avoid utility supply apparatus and sub-structures
- S9.i** Check and operate equipment and tools; report faults if required
- S9.ii** Maintain and store equipment and tools
- S10** Communicate with colleagues and or stakeholders, for example, statutory agencies and members of the public, customers
- S11** Use breathing apparatus
- S12** Use gas detection equipment
- S13** Carry out trench installation for example, sheeting, lightweight and proprietary systems
- S14** Record information, for example job reports, time sheets
- S15** Construct new and replacement gas services to internal and external service termination positions using a range of techniques
- S16** Carry out squeeze off activities on gas services (low and medium pressure)
- S17** Construct new and replacement gas mains using a range of techniques
- S18** Carry out flow stopping on gas mains by use of squeeze off and bag stop
- S19** Disconnect gas meters
- S20** Repair gas assets including valves and fittings using a range of techniques
- S21** Join materials by electro-fusion
- S22** Join materials by butt fusion processes
- S23** Exchange emergency control valve

S24 Test gas network assets at low and medium pressure

S25 Purge, commission and decommission gas network assets

S26 Apply gas network emergency procedures, including the analysis of gas readings

S27 Apply water extraction techniques for gas mains and services

Core Behaviours

B1 Prioritises health, safety and environment when undertaking work to safeguard life and property

B2 Adaptable, for example willing to accept changing priorities and working requirements

B3 Team player, for example keeps others informed, recognises personal and professional limitations, and seeks advice when necessary

B4 Professional, for example punctual, trustworthy, polite, courteous, presentable, maintains security of business specific and personal data, takes account of equality and diversity in interactions

B5 Self-motivated, for example manages own time effectively, takes responsibility to complete the job

B6 Pride in work, for example works to agreed quality targets and standards

B7 Customer focus, for example keeps customers informed

B8 Committed to continued professional development

The Knowledge, Skills and Behaviours statements are assessed in the End-point Assessment elements as follows.

Multiple Choice Test	Core Knowledge (K1, K2.ii, K3, K6, K9, K10, K11, K14 and K15)
Practical Assessment with Questioning	Core Knowledge (K2.i, K4, K5.i, K8 and K12)
	Core Skills (S1, S2, S3, S4, S5, S6, S7, S8, S9.i, S10, S11, S15, S16, S17, S18, S19, S20, S21, S22, S24, S25, S26 and S27)
	Core Behaviours (B1, B4, B5 and B6)
Interview Underpinned by Portfolio of Evidence:	Core Knowledge (K5ii, K7, K13 and K16)
	Core Skills (S9ii, S12, S13 and S14)
	Core Behaviours (B2, B3, B7 and B8)