Skills England

# Draft Preview

# DRAFT APPRENTICESHIP ASSESSMENT PLAN FOR THE GAS ENGINEERING OPERATIVE APPRENTICESHIP

ST0155/V2

| APPRENTICESHIP REFERENCE NUMBER | LEVEL OF THIS APPRENTICESHIP | INTEGRATION |
|---|---|---|
| ST0155 | 3 | Mandatory qualification with apprenticeship assessment |

## Assessment Plan

### Assessment details

**Introduction**

This apprenticeship assessment plan (AAP) sets out the requirements for the assessment of the level 3 gas engineering operative apprenticeship. It should be read in conjunction with the Requirements for Apprenticeship Assessment. Where there is conflict between this AAP and the Requirements for Apprenticeship Assessment, this AAP takes precedence. Assessment organisations must also comply with the relevant regulatory framework for apprenticeship assessment.

It is important that the assessment of apprentices is proportionate, valid, and provides reliable evidence of an apprentice's attainment of the relevant knowledge and skills. As such, assessment organisations must design assessments to ensure:

- employers have confidence that the apprentice has reached the expected performance standard
- apprentices are sufficiently secure in their knowledge and skills, so that they could demonstrate their competence in different contexts, for example, a different workplace

**Assessment Outcomes**

The assessment outcomes group and summarise the knowledge and skills that must be demonstrated in assessments.

The assessment outcomes are created to summarise the content that is not fully assessed by the qualification or qualifications mandated in the occupational standard. The qualification or qualifications assess the knowledge and skills statements that are not mapped here.

**Table 1: Assessment outcomes**

Table 1 sets out the assessment outcomes and the mapped knowledge and skill statements. All assessment outcomes must be assessed. Knowledge and skills statements listed in the mandatory statements column must be assessed in every version of the assessment that is made available.

Knowledge and skills statements that offer opportunities to develop functional English and maths are identified with an asterisk.

| Assessment Outcome | Mapped statements | Mandatory statements |
|---|---|---|
| **AO1: Gas appliance installation and commissioning**<br>Installs and commissions primary and secondary gas appliances and associated systems. | K5*, K6*, K7*, K12*, K16, K22<br><br>S2, S3*, S8, S9, S11*, S12 | K6, K7, K12, K16<br><br>S2, S3, S8, S9, S12 |
| **AO2: Gas appliance servicing, fault diagnosis and decommissioning**<br>Services and maintains gas appliances and components, rectifying identified faults. Decommissions appliances and systems. | K9*, K10*, K11<br><br>S5, S6*, S7, S14* | S5, S6, S7 |
| **AO3: Safe working and risk management**<br>Applies safe working practices. Manages waste and defective components. | K1, K3*, K4, K24<br><br>S1*, S10*, S13, S19 | K1, K3,<br><br>S1, S10, S13 |
| **AO4: Information management and professional practice**<br>Uses digital technology to access and maintain information. Supports their own professional development and wellbeing. | K19*, K21<br><br>S16*, S17*, S20* | K19<br><br>S17 |
| **AO5: Customer advice and guidance**<br>Provides advice and guidance that reflects the needs of the customer and setting. | K17, K18, K20, K23*<br><br>S18*, S21 | K23<br><br>S18 |

## Assessment requirements

Assessment organisations must set apprenticeship assessments. Assessment organisations should consider how technology and digital tools can support innovation and efficiency.

Assessment organisations must design apprenticeship assessments to include at least one simulation.

Any additional assessment, or assessments, must be selected from the following list of methods, to ensure the assessment outcomes are met in full. Methods may be used more than once.:

- **additional simulation**
- **observation**
- **portfolio**
- **question and answer**

  **interview**

- **written assessment**

Assessment organisations must have due regard to all relevant frameworks, standards, and industry-recognised practices and guidance published by regulators, professional bodies, Sector Representative Organisations (SROs) and Standard Setting Bodies (SSBs).

Apprentices may be assessed at any appropriate point during their apprenticeship programme.

Assessments may be designed to allow a centre or training provider to mark assessments. The assessment organisation is responsible for ensuring all assessments are sufficiently reliable and valid, and for the accuracy of any centre or training provider marking.

## Performance descriptors

Performance descriptors describe the level of performance required to achieve a pass or distinction grade.

## Table 2: performance descriptors

Table 2 sets out the performance descriptor categories and descriptors for pass and distinction. Assessment organisations must design assessments that align with these descriptions.

| Performance Category | Pass | Distinction |
|---|---|---|
| **Applied Knowledge** | Applies sound application of factual, procedural, and theoretical gas engineering knowledge in a broad range of varied work activities, performed in a variety of contexts, most of which are complex and non-routine. | Applies thorough application of factual, procedural, and theoretical gas engineering knowledge in a broad range of varied work activities, performed in a variety of contexts, most of which are complex and non-routine. |
| **Applied Skills** | Selects and applies gas engineering skills, methods, and procedures consistently in a broad range of varied work activities and a variety of contexts, most of which are complex and non-routine. Solves well defined problems, which may be complex and non-routine, with sound judgement. | Integrates using gas engineering skills, methods, and procedures proactively and resourcefully in a broad range of varied work activities and a variety of contexts, most of which are complex and non-routine. Solves well defined problems, which may be complex and non-routine, that improve outcomes. |
| **Regulatory and Procedural Awareness** | Interprets and evaluates gas safety legislation, regulation, and industry procedures relevant to the role, with minimal noncritical errors, and with some depth of insight and adaptability. | Applies evaluation of gas safety legislation, regulation, and industry procedures relevant to the role, with minimal noncritical errors, and with greater depth of insight and adaptability. |
| **Communication and Collaboration** | Participates effectively in team environments and applies effective communication and customer service approaches, supporting daily operations. | Communicates clearly and confidently in team environments, adapting communication and customer service approaches, supporting effective daily operations. |
| **Information Use and Decision Making** | Interprets and evaluates relevant gas engineering information from a variety of sources, supporting decisions and actions with sound judgement. | Applies evaluation of gas engineering information from a variety of sources, relevant to the role, with insight, supporting conclusions that improve outcomes. |
| **Responsibility and Autonomy** | Takes responsibility for initiating and completing | Takes responsibility for initiating and completing gas |

| | | |
|---|---|---|
| | gas engineering tasks and procedures including, where relevant, taking responsibility for supervising or guiding others. Exercises responsibility, autonomy and judgement within limited parameters. | engineering tasks and procedures with confident autonomy and sound judgement within limited parameters. Proactively manages own work, confidently, recognising when to refer issues beyond their responsibility. |

**Professional recognition**

This apprenticeship aligns with the requirements for professional body recognition as detailed in the occupational standard.

**Additional qualification**

The qualifications detailed in the occupational standard must be completed before the end of the apprenticeship.

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