



Draft Preview

DRAFT APPRENTICESHIP ASSESSMENT PLAN FOR THE LAND-BASED SERVICE ENGINEER APPRENTICESHIP

ST0242/V2

APPRENTICESHIP REFERENCE NUMBER	LEVEL OF THIS APPRENTICESHIP	INTEGRATION
ST0242	2	None

Assessment Plan

Assessment details

Introduction

This Apprenticeship Assessment Plan (AAP) sets out the requirements for the assessment of the Level 2 land-based service engineer apprenticeship. It should be read in conjunction with the General Requirements for Apprenticeship Assessment. Where there is conflict between this AAP and the General Requirements, 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. All assessment outcomes must be assessed.

Knowledge and skills statements in **bold** are mandatory and must be assessed in every version of the assessment that is made available.

Assessment Outcome	Mapping
<p>AO1: Safe working, compliance and environmental protection</p> <p>Applies relevant legislation, organisational procedures, risk assessments and environmental practices to plan, prepare and reinstate work areas for land-based activities. Uses safe working methods, biosecurity measures and appropriate lifting, supporting and securing techniques to protect people, equipment and the environment.</p>	<p>K1*, K2, K8, K14, K15, K16, K23</p> <p>S1, S2, S3, S7, S10, S11*, S15</p>
<p>AO2: Machinery preparation, set up and pre delivery activities</p> <p>Prepares land-based prime movers, machinery and equipment for service, maintenance, repair and customer delivery. Carries out pre-delivery assembly and basic checks, couples and configures machinery combinations, and adjusts set up parameters to meet customer, environmental and operational requirements.</p>	<p>K4, K5*, K7, K9, K17</p> <p>S4, S12*, S13*, S24*, S25*</p>
<p>AO3: Service, maintenance and repair operations</p> <p>Carries out service, maintenance and repair activities on land-based machinery and systems. Removes, refits, fabricates, joins and reinstates components using appropriate tools, consumables and workshop processes, and performs functional checks to ensure machinery operates in line with manufacturer specifications.</p>	<p>K6*, K11, K12*, K13*, K20, K21, K24</p> <p>S5, S6*, S8, S14, S19, S20</p>
<p>AO4: Inspection, testing and fault-finding</p> <p>Conducts static and operational inspections, uses diagnostic tools and logical fault-finding principles to identify performance issues, and verifies machinery condition against legislative, safety and manufacturer requirements.</p>	<p>K18, K19, K22*</p> <p>S16, S17*, S18*, S26</p>
<p>AO5: Customer service, documentation and professional responsibilities</p> <p>Applies professional and customer care principles when dealing with customers and colleagues. Completes organisational documentation, records service and warranty information, interprets technical data, and</p>	<p>K3, K10, K25, K26*</p> <p>S9*, S21*, S22*, S23*</p>

communicates findings clearly in line with employer procedures.

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

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(s) must be selected from the following list of methods to ensure the assessment outcomes are met in full:

- **additional simulation**
- **observation**
- **professional discussion**
- **question and answer**
- **written test**
- **portfolio**

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. Assessment organisations must design assessments that align with these descriptions.

Performance Category	Pass	Distinction
Applied Knowledge	Applies appropriate application of land-based engineering knowledge, facts, procedures and ideas to complete well defined tasks and solve straightforward problems across routine and some varied work activities.	Applies highly accurate, insightful and efficient land-based engineering knowledge, facts, procedures and ideas to solve straightforward problems and adapt effectively to well defined tasks.
Applied Skills	Selects and uses cognitive and practical land-based engineering skills to carry out mostly routine tasks with consistency and purpose.	Integrates cognitive and practical land-based engineering skills to execute mostly routine tasks with precision, even when faced with subtle complexities or shifting requirements.
Regulatory and Procedural Awareness	Applies legislation, regulations, organisational procedures and environmental or safety guidance relevant to land-based engineering activities without error, although depth of insight or adaptability may be limited.	Demonstrates proactive and confident application of legislation, regulations, organisational procedures and environmental or safety guidance relevant to land-based engineering activities.
Communication and Collaboration	Communicates and collaborates effectively with colleagues and customers, showing reliable customer service and teamwork skills when required in team and customer	Consistently communicates with clarity and sensitivity, showing strong awareness of others and responding resourcefully in a range of team and customer service scenarios within land-based engineering work settings.

	service scenarios within land-based engineering work settings.	
Information Use and Decision Making	Gathers and interprets relevant information, to inform decisions and actions that are fit for purpose in the land-based engineering work context.	Gathers and interprets relevant information and feedback, to shape actions that are purposeful and show clear added value in terms of efficiency or outcomes in a land-based engineering work context.
Responsibility and Autonomy	Takes responsibility for completing land-based engineering tasks, demonstrating autonomy within familiar situations and mostly routine work activities.	Exercises informed judgement and self direction in land-based engineering tasks, often anticipating the needs of the task or team within familiar situations and mostly routine work activities.

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