



Draft Preview

DRAFT APPRENTICESHIP ASSESSMENT PLAN FOR THE RAIL TRACK TECHNICIAN APPRENTICESHIP

ST1514/V2

APPRENTICESHIP REFERENCE NUMBER	LEVEL OF THIS APPRENTICESHIP	INTEGRATION
ST1514	3	None

Assessment Plan

Assessment details

Introduction

This Apprenticeship Assessment Plan (AAP) sets out the requirements for the assessment of the level 3 rail track technician 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.

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

Assessment Outcome	Mapping
AO1: Safety, risk, environmental and sustainability practices Applies relevant health, safety, environmental and security regulations, standards and guidance when carrying out track activities, using safe systems of work to recognise hazards and implement appropriate controls.	K1, K2, K3 S1, S2, S3
AO2: Work planning and operational co-ordination Uses planning, prioritisation and organisational techniques to prepare for and coordinate track activities, drawing on technical information, stakeholder input and business needs. Communicates using appropriate verbal, visual and written methods, and applies collaboration, EDI and self-management principles to support effective teamwork and operational delivery.	K5, K7, K8, K9 S5, S7, S8, S9, S10
AO3: Team collaboration, communication, and cost efficient delivery Collaborates with stakeholders and team sharing accurate information and using clear communication techniques to support safe, efficient and cost-effective delivery. Works with others using inclusive behaviours, addresses conflict using appropriate methods, and contributes to team activities and outcomes.	K18, K19, K20, K21, K22 S18, S19, S20, S21, S22*, S23*
AO4: Track inspection, surveying and condition assessment Undertakes inspections of track assets and environments, applies inspection standards and techniques, identify defects or variations against specifications, and determines appropriate actions or escalation routes within the limits of authority.	K23, K24, K25, K26, K27 S24, S25, S26, S27
AO5: Maintenance, repair and reinstatement Undertakes maintenance, repair and reinstatement activities using engineering principles and technical schedules to identify faults and implement authorised corrective actions. Removes, repairs, replaces and reinstates track assets	K28, K29, K30, K31, K33, K34, K35, K36, K37, K38 S28, S29*, S30*, S31*, S32, S33, S34, S35, S36*, S37, S38, S39

using appropriate methods, completing specified operating checks, to confirm the asset meets defined operating conditions.	
AO6: Gather and interpret technical data, documentation, reporting and quality assurance Produces records, reports and documentation for inspections, maintenance activities, and asset condition. Interprets specifications, drawings and designs, and applies quality assurance processes.	K11, K12, K13, K15, K16, K17, K39 S11, S12*, S13, S15*, S16*, S17*, S40
AO7: Professional conduct, personal responsibility and human performance Works within defined role responsibilities and limits of authority in safety-critical environments, maintaining fitness for duty, awareness and focus. Applies human performance principles and systematic approaches to work, uses techniques to manage pressure and distraction, and undertakes continuing professional development.	K4, K6, K14, K40, K41, K42, K43 S4, S6, S14, S41, S42*, S43*, S44

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 an **observation or simulation**.

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

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

Assessment organisations must have due regard to any relevant [frameworks, standards, guidance or other documents] that may be published by [industry regulators, professional bodies, and other representative groups].

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	Demonstrates sound application of railway track knowledge, facts, procedures, and ideas across routine and non-routine tasks, completing them to an acceptable standard.	Applies a thorough understanding of railway track knowledge, facts, procedures, and ideas to manage and resolve routine and non-routine tasks with discernment and skill.
Applied Skills	Identifies and applies appropriate railway track related skills, methods, and procedures to complete tasks and address challenges with a reasonable degree of autonomy and effectiveness.	Selects and integrates appropriate skills, methods, and procedures proactively and resourcefully to complete tasks and address challenges effectively and with minimal oversight.
Regulatory and Procedural Awareness	Applies railway legislation, regulation, and guidance relevant to the role, without error, with some depth of insight and adaptability.	Demonstrates refined judgement in interpreting railway track regulations, legislation, and organisational procedures, confidently navigating nuanced issues in practice.
Communication and Collaboration	Participates effectively in railway track team environments and demonstrates effective communication and customer service skills that support daily operations.	Communicates persuasively and adapts confidently to different audiences and team dynamics, taking initiative in delivering customer and colleague interactions.

Information Use and Decision Making	Accurately interprets and evaluates relevant railway track information from a variety of sources to support problem-solving in mostly familiar but sometimes complex work contexts.	Evaluates diverse and sometimes conflicting railway track information sources with insight, drawing informed conclusions that improve task outcomes or efficiency.
Responsibility and Autonomy	Takes responsibility for initiating and completing railway track tasks within limits of authority and, where relevant, contributes to guiding or supporting others.	Pre-emptes the need for railway track tasks to be initiated within limits of authority, accountability, and responsiveness to emerging priorities or risks, and leading others to achieve team outcomes.

Professional recognition

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

Please contact the relevant professional body for further information.

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