

Open Awards Qualification Unit



Form OAQU

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1 Unit Details

Unit Title:	Work with Tools, Equipment, Drawings and Specifications in the Rail Engineering Environment
QAC Code:	Y/508/2370
Level:	Level 2
Credit Value:	3
Minimum GLH:	23

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know how to identify and use a range of hand tools and equipment.	1.1 List procedures that define the appropriate safe system of work for the given activities.
	1.2 Describe procedures for the care and use of hand tools and equipment.
	1.3 Describe how to select and use the correct tools and equipment for relevant activities.
	1.4 List the range of tools and equipment required for a given task.
	1.5 Describe how to use a range of tools and equipment required in the rail industry.
	1.6 Describe how to check tools and equipment to ensure they operate to specification.
	1.7 Describe how to clean and safely store basic hand tools and equipment.
	1.8 List the type and kind of waste materials that may arise from tools and equipment.

	1.9	Describe the importance of disposing of waste materials safely and the consequences of not doing so to others and the environment.
	1.10	Describe how to read, calculate and interpret data from tools and equipment.
	1.11	Describe the importance of reporting defects and discrepancies to tools and equipment and the consequences of not doing so.
	1.12	Describe how to maintain tools and equipment.
2. Know how to obtain and use schedules, procedures and specifications.	2.1	Describe the type of information and documentation systems that are available and approved by the rail industry.
	2.2	List the types of engineering drawing and specifications that are approved by the rail industry.
	2.3	Describe how to check that the information is current, complete and accurate.
	2.4	Describe procedures for reporting discrepancies in information.
	2.5	List the types of conventions, symbols and abbreviations used in the rail industry in engineering drawings and specifications.
	2.6	Describe how to identify and select the required data for the work to be undertaken.
	2.7	Describe procedures for document care and control and why it is important to follow them.
	2.8	Describe the relevant reporting lines and procedures that are relevant for the rail industry.