



## Unit Specification for Regulated Qualifications

<b>Unit title</b>	Producing Profiled Wood and Wood-Based Products in the Workplace
<b>Unit Level</b>	2
<b>Credit</b>	210
<b>Guided Learning Hours</b>	70
<b>SQA Unit code</b>	HY9G 68
<b>Regulator Unit code</b>	D/616/9617
<b>Publication date</b>	April 2018
<b>Unit Owner and Reference</b>	CITB 470
<b>Version</b>	1

<b>Title:</b>	Producing profiled wood and wood-based products in the workplace	
<b>Level:</b>	2	
<b>TQT value:</b>	210	
<b>Learning outcomes</b> <i>The learner will be able to:</i>	<b>Assessment criteria</b> <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when producing profiled wood and wood-based products.	1.1	Interpret and extract information from drawings, specifications, cutting lists, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statement.
	1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> <li>– drawings, specifications, schedules, cutting lists, risk assessments, manufacturers' information and legislation governing wood machining.</li> </ul>
2 Know how to comply with relevant legislation and official guidance when producing profiled wood and wood-based products.	2.1	Describe their responsibilities under current legislation and official guidance whilst working: <ul style="list-style-type: none"> <li>– in the workplace, with tools, tooling and equipment, with materials and substances, movement of materials and by manual and mechanical lifting.</li> </ul>
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to workplace, company and operative.
	2.3	State what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe working practices when producing profiled wood and wood-based products.	3.1	Use personal protective equipment (PPE) safely to carry out the activity in accordance with all current statutory legislation and approved Codes of Practice when producing profiled wood and wood-based products.
	3.2	Explain why and when personal protective equipment (PPE) should be used, relating to producing profiled wood and wood-based products, and the types, purpose and limitations of each type.
	3.3	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries, accidents and other task-related hazards.

<b>Title:</b>	
Producing profiled wood and wood-based products in the workplace	
<b>Learning outcomes</b> <i>The learner will be able to:</i>	<b>Assessment criteria</b> <i>The learner can:</i>
4 Select the required quantity and quality of resources for the methods of work to produce profiled wood and wood-based products.	4.1 Describe the characteristics, quality, uses, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> <li>– profiling machinery</li> <li>– wood materials</li> <li>– wood-based materials</li> <li>– lubricants</li> <li>– hand and/or powered tools and ancillary equipment.</li> </ul>
	4.2 Select resources associated with own work in relation to materials, components, tools, tooling and equipment, and dimensional control aids as appropriate.
	4.3 State how the resources should be used correctly, how problems associated with the resources are reported and how the organisational procedures are used.
	4.4 Outline potential hazards associated with the resources and method of work.
	4.5 Describe how to calculate quantity, length, area and wastage associated with the method/procedure to produce profiled wood and wood-based products.
5 Minimise the risk of damage to the work and surrounding area when producing profiled wood and wood-based products.	5.1 Protect the work, equipment and its surrounding area from damage in accordance with organisational procedures.
	5.2 Minimise damage and maintain a clean work space.
	5.3 Describe how to protect work and equipment from damage and the purpose of protection in relation to general workplace activities and other occupations.
	5.4 Remove waste in accordance with legislation.
	5.5 State why the removal of waste should be carried out in relation to the work.
6 Complete the work within the allocated time when producing profiled wood and wood-based products.	6.1 Demonstrate completion of the work within the allocated time.
	6.2 State the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> <li>– types of progress charts, estimated times and deadlines</li> <li>– organisational procedures for reporting circumstances which will affect the work programme.</li> </ul>

<b>Title:</b>	Producing profiled wood and wood-based products in the workplace	
<b>Learning outcomes</b> <i>The learner will be able to:</i>	<b>Assessment criteria</b> <i>The learner can:</i>	
7 Comply with the given contract information to produce profiled wood and wood-based products to the required specification.	7.1 Demonstrate the following work skills when producing profiled wood and wood-based products: – measuring, marking out, adjusting, fitting, finishing, positioning and securing.	
	7.2 Prepare, set up, operate and maintain at least two of the following machines to produce profiled wood and wood-based products to given working instructions: – vertical spindle moulder (straight work) – four sided planer and moulder – high-speed router – double-end tenoner – wood turning lathe – copying lathe – linear shaper – rotary shaper – CNC/NC machines.	
	7.3 Set up and change appropriate tooling to meet the requirements.	
	7.4 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to: – prepare and set up the profiling machinery – operate the profiling machinery – maintain the profiling machinery – identify how damage to materials and machines can be avoided – identify the correct use of lubricants – identify the compatibility of materials with machines – identify the relevant dimensional control aids and there uses – identify and report defects and discrepancies in materials and machines – set up and change appropriate tooling – identify the types and suitability of tooling – identify the scope and limitations of the machine – select the appropriate machine for the work to be carried out – use hand tools and equipment.	
	7.5 Safely use and store hand tools and ancillary equipment.	
	7.6 State the needs of other occupations and how to communicate within a team when producing profiled wood and wood-based products.	
	7.7 Describe how to maintain the tools and equipment used when producing profiled wood and wood-based products.	

<b>Title:</b>	Producing profiled wood and wood-based products in the workplace
<b>Additional information about this unit</b>	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ structure. Please refer to the NVQ structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Availability for use	Shared unit
Sector Subject Area	05.2 Building and Construction
Unit guided learning hours	70