



Unit Specification for Regulated Qualifications

Unit title	Producing Fibrous Plaster Components in the Workplace
Unit Level	2
Credit	17
Guided Learning Hours	67
SQA Unit code	HW4G 68
Regulator Unit code	R/616/5659
Publication date	October 2017
Unit owner and reference	CITB Unit ref 74 v2 PL
Version	1

Title:	Producing fibrous plaster components in the workplace	
Level:	2	
Value for TQT:	170	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when producing fibrous plaster components.	1.1	Interpret and extract relevant information from drawings, specifications, schedules method statements, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe 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"> – drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when producing fibrous plaster components.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when producing fibrous plaster components.	3.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when producing fibrous plaster components.
	3.2	Demonstrate compliance with given information and relevant legislation when producing fibrous plaster components in relation to the following: <ul style="list-style-type: none"> – safe use of access equipment/working platforms – safe use, storage and handling of materials, tools and equipment – specific risks to health

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3 continued		3.3	Explain why and when health and safety control equipment identified by the principles of prevention should be used, relating to producing fibrous plaster components, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV)
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities hazards.
4 Select the required quantity and quality of resources for the methods of work to produce fibrous plaster components.		4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – casting plasters – reinforcing material – timber, zinc and fixings – hot and cold pour – sealant, additives, release agents – clean water – hand tools, portable power tools and ancillary equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to produce fibrous plaster components.

Title:	
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5 Minimise the risk of damage to the work and surrounding area when producing fibrous plaster components.	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	5.2 Minimise damage and maintain a clean work space.
	5.3 Dispose of waste in accordance with current legislation.
	5.4 Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
	5.5 Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6 Complete the work within the allocated time when producing fibrous plaster components.	6.1 Demonstrate completion of the work within the allocated time.
	6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.
7 Comply with the given contract information to produce fibrous plaster components to the required specification.	7.1 Demonstrate the following work skills when producing fibrous plaster components: <ul style="list-style-type: none"> – measuring, marking out, cutting, positioning, gauging, mixing, casting and running mouldings.
	7.2 Use and maintain hand tools, portable power tools and ancillary equipment.
	7.3 Construct models and running moulds
	7.4 Prepare bench, install reinforcement and produce plasterwork to given working instructions to form three of the following: <ul style="list-style-type: none"> – straight and radial moulds – flood moulds and casts – reverse (negative) cornice moulds and casts – plain-faced rebated slabs

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7 continued	7.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> – construct models and running moulds – prepare bench – install reinforcement – mix casting plasters and use retarders where appropriate – produce reverse (negative) cornice moulds and casts – produce straight and radial moulds – produce mouldings using flood moulds and casts – produce plain faced rebated slabs – prepare mould compounds – identify different types of casting plasters and retarders, and their appropriate uses – recognise and determine when specialist skills and knowledge are required and report accordingly – understand specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – use hand tools, portable power tools and ancillary equipment – work at height – use access equipment/working platforms. 	
	7.6 Describe the needs of other occupations and how to effectively communicate within a team when producing fibrous plaster components.	
	7.7 Describe how to maintain the tools and equipment used when producing fibrous plaster components.	

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Additional information about this unit	
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 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>
Sector Subject Area	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	67