



Unit Specification for Regulated Qualifications

Unit title	Replacing Heritage Roof Coverings in the Workplace
Unit Level	3
Credit	29
Guided Learning Hours	107
SQA Unit code	HW40 68
Regulator Unit code	H/616/5729
Publication date	November 2017
Unit owner and reference	CITB Unit 501
Version	1

Title:	Replacing heritage roof coverings in the workplace	
Level:	3	
Value for TQT:	290	
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 replacing heritage roof coverings.	1.1	Interpret and extract information from drawings, specifications, method statements, schedules and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and/or 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"> – drawings, specifications, method statements, schedules, manufacturers' information, archaeological watching brief, historical conservation plans and charters, legislations and regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when replacing heritage roof coverings.	2.1	Describe their responsibilities under current legislation and official guidance whilst working: <ul style="list-style-type: none"> – in the workplace, 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	State what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe working practices when replacing heritage roof coverings.	3.1	Use personal protective equipment (PPE) and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when replacing heritage roof coverings.
	3.2	Explain why and when personal protective equipment (PPE) should be used, relating to replacing heritage roof coverings, 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 and other task-related hazards.

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4 Select the required quantity and quality of resources for the methods of work to replace heritage roof coverings.	4.1 Describe the characteristics, quality, uses, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – battens, sarking boards, sand, cement, lime, underlay, tiles, natural slates/stone slates, fittings, flashings, insulation, fixings, ventilators and associated ancillary items – hand and/or powered tools and equipment.
	4.2 Select resources associated with own work in relation to materials, components, fixings, tools and equipment
	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 replace heritage roof coverings.
5 Minimise the risk of damage to the work and surrounding area when replacing heritage roof coverings.	5.1 Protect the work and its surrounding area from damage.
	5.2 Minimise damage and maintain a clean work space.
	5.3 Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
	5.4 Dispose of waste in accordance with legislation.
	5.5 State why the disposal of waste should be carried out in relation to the work.

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6	Complete the work within the allocated time when replacing heritage roof coverings.	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"> – 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 replace heritage roof coverings to the required specification.	7.1 Demonstrate the following work skills when replacing heritage roof coverings: <ul style="list-style-type: none"> – removing, cleaning, stacking, storing, preparing, measuring, marking out, fixing, fitting, finishing, positioning and securing.
		7.2 Strip existing roof coverings and replace full roofs or elevations to given working instructions relating to at least two of the following: <ul style="list-style-type: none"> – vernacular and roofing styles specific to geographical areas (e.g. Kent pegs, Yorkshire stone slates) – places of religious worship – stately homes – public buildings – historic buildings – castles and/or fortified buildings – conservation areas – listed buildings.
		7.3 Replace roof coverings in the following areas to given working instructions: <ul style="list-style-type: none"> – verges – eaves – ridge – hips – valleys – openings – top and side abutments – general areas.

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7 Continued	<p>7.4 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> – remove and salvage reusable existing roof coverings – determine gauge and fix battens and underlays (where required) appropriate to the roof covering – fix direct to boarded surfaces (sarking) – replace full or partial natural slates/stone slates and/or tiled roofs in keeping with the existing roof covering or an earlier style where required – mix and apply mortar to meet the requirements of the contract – validate appropriate ways in which the work should be carried out – recognise sensitive areas – maintain heritage and archaeological integrity – maintain the principles of minimum intervention and reversible alterations – stop work at the point when conjecture begins and report findings – record work carried out (written, photographic or digital) – recognise and/or report endangered/protected flora and fauna – remove deteriorated and/or inappropriate materials – maintain existing structure – integrate existing and new constructional components or finishes – store salvageable materials and structural components – use hand tools, power tools and equipment – use ancillary equipment – work at height – use access equipment. 	
	7.5 Safely use and store materials, hand tools, portable power tools and ancillary equipment.	
	7.6 State the needs of other occupations and how to communicate within a team when replacing heritage roof coverings.	
	7.7 Describe how to maintain the tools and equipment used when replacing heritage roof coverings.	

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Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, 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>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	107