



## Unit Specification for Regulated Qualifications

<b>Unit title</b>	Repairing or Encapsulating Asbestos Containing Materials in the Workplace
<b>Unit Level</b>	2
<b>Credit</b>	12
<b>Guided Learning Hours</b>	85
<b>SQA Unit code</b>	HW0G 68
<b>Regulator Unit code</b>	J/616/5920
<b>Publication date</b>	October 2017
<b>Unit owner and reference</b>	CITB Unit ref 467v2 RHW 09-17
<b>Version</b>	1

<b>Title:</b>	Repairing or encapsulating asbestos containing materials in the workplace	
<b>Level:</b>	2	
<b>Value for TQT:</b>	115	
<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 repairing or encapsulating asbestos containing materials.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, plan of work, 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"> <li>– drawings, specifications, schedules, plan of work, risk assessments, manufacturers' information, current official guidance, approved Codes of Practice and current regulations associated with repairing or encapsulating asbestos containing materials.</li> </ul>
2 Know how to comply with relevant legislation and official guidance when repairing or encapsulating asbestos containing materials.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> <li>– in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting.</li> </ul>
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company, operative, skips, decontamination units, hygiene facilities and vehicles.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when repairing or encapsulating asbestos containing materials.	3.1	Use health and safety control equipment, including collective protective measures, personal protective equipment (PPE), respiratory protective equipment (RPE) and local exhaust ventilation (LEV), and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when repairing or encapsulating asbestos containing materials.

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3 continued	3.2	Demonstrate compliance with given information and relevant legislation when repairing or encapsulating asbestos containing materials in relation to the following: <ul style="list-style-type: none"> <li>– safe use, storage and handling of materials, tools and equipment</li> <li>– safe use of access equipment</li> <li>– specific risks to health and the environment.</li> </ul>	
	3.3	Explain why and when health and safety control equipment, identified by the principles of prevention should be used, relating to repairing or encapsulating asbestos containing materials, 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"> <li>– collective protective measures</li> <li>– local exhaust ventilation (LEV)</li> <li>– personal protective equipment (PPE)</li> <li>– respiratory protective equipment (RPE).</li> </ul>	
	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, site specific hazards and other task-related activities.	
4 Select the required quantity and quality of resources for the methods of work to repair or encapsulate asbestos containing materials.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.	
	4.2	Describe the characteristics, quality, uses, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> <li>– repair materials</li> <li>– adhesives and tapes</li> <li>– fittings and fixings</li> <li>– decontamination units, hygiene facilities</li> <li>– protective clothing and equipment</li> <li>– encapsulating materials</li> <li>– specified hand tools, portable power tools and equipment.</li> </ul>	
	4.3	Describe how to confirm that the resources and materials conform to the specification.	
	4.4	Describe how the resources should be used correctly and how problems associated with the resources are reported.	

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4	Continued	4.5	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.6	Describe any potential hazards associated with the resources and methods of work.
		4.7	Describe how to assess quantity, length, weight, area and wastage associated with the method and procedure to repair asbestos containing materials.
5	Minimise the risk of damage to the work and surrounding area when repairing or encapsulating asbestos containing materials.	5.1	Protect the work and its surrounding area from damage and contamination in accordance with safe working practices and organisational procedures.
		5.2	Maintain a safe, clear and clean work space.
		5.3	Segregate and dispose of asbestos and non-asbestos 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, members of the public 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 repairing or encapsulating asbestos containing materials.	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"> <li>– types of timetables and estimated times</li> <li>– organisational procedures for reporting circumstances which will affect the work programme.</li> </ul>
7	Comply with the given contract information to repair or encapsulate asbestos containing materials to the required specification.	7.1	Demonstrate the following work skills when repairing or encapsulating asbestos containing materials: <ul style="list-style-type: none"> <li>– measuring, marking out, fitting, mixing, finishing, positioning, securing and sealing.</li> </ul>
		7.2	Use and maintain specified hand tools, portable power tools and ancillary equipment.

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7 continued	7.3 Repair or encapsulate products which contain asbestos materials by the following methods to given working instructions: <ul style="list-style-type: none"> <li>– coatings with or without a reinforced matrix</li> <li>– sealed cladding.</li> </ul>	
	7.4 Prepare and maintain area affected by the work activity.	
	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"> <li>– follow the organisational quality requirements</li> <li>– set up enclosure and containment areas</li> <li>– encapsulate and repair asbestos-containing materials by applying coatings with or without a reinforced matrix and by installing sealed cladding</li> <li>– protect existing asbestos-containing materials from incidental damage</li> <li>– understand the implications of working with and around services including electrical, gas and water</li> <li>– recognise and determine when specialist skills and knowledge are required and report accordingly</li> <li>– determine specific requirements for structures and areas of special interest, traditional build (pre 1919) and historical significance</li> <li>– work with, around and in close proximity to plant and machinery</li> <li>– use specified hand tools, portable power tools and equipment</li> <li>– work at height</li> <li>– work in confined spaces</li> <li>– use access equipment.</li> </ul>	
	7.6 Describe the needs of other occupations and how to communicate effectively within a team when repairing or encapsulating asbestos containing materials and members of the public who may be affected.	
	7.7 Describe how to maintain the specified hand tools, portable power tools and ancillary equipment used when repairing or encapsulating asbestos-containing materials.	

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<b>Additional information about this unit</b>	
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	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	85