



This version of this unit replaces all previously published versions with effect from January 2012. This unit should be used by all learners registering for qualifications that include it in their structure from this date.

Unit title: **Demolishing/dismantling masonry and concrete structures in the workplace**

Unit reference number: T/503/2639

QCF level: 2

Credit value: 19

Guided learning hours: 63

Start date: January 2012

Unit summary

The aim of this unit is to develop the skills, knowledge and understanding required to confirm competence in demolishing/dismantling masonry and concrete structures in the workplace within the relevant sector of industry.

Assessment requirements/evidence requirements

This unit must be assessed in a work environment, in accordance with:

- the Additional Requirements for Qualifications using the title NVQ in QCF
- the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.

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.

Workplace evidence of skills cannot be simulated.

Assessment recording

This unit is assessed in the workplace. The table on the following pages shows the learning outcomes and the assessment criteria for this unit. The table includes space for learners to enter the types of evidence they are presenting for assessment and the submission date against each assessment criterion. Alternatively, centres can use their own documentation.

Learning outcomes and assessment criteria

Learning Outcome		Assessment Criterion		Evidence type	Portfolio reference	Date
1	Interpret the given information relating to the work and resources needed when demolishing/dismantling masonry and concrete structures.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements and risk assessments.			
		1.2	Comply with information and/or instructions derived from risk assessments and method statements.			
		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, schedules, method statements, risk assessments, site inductions, toolbox talks, statutory regulations and official guidance relating to segregation and recycling or disposal of waste. 			
2	Know how to comply with relevant legislation and official guidance when demolishing/dismantling masonry and concrete structures.	2.1	Describe their responsibilities under current legislation and official guidance whilst working: <ul style="list-style-type: none"> - in the workplace, below ground level, 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.			

Learning Outcome	Assessment Criterion	Evidence type	Portfolio reference	Date
<p>3 Maintain safe working practices when demolishing/dismantling masonry and concrete structures.</p>	2.4	<p>State the types of fire extinguishers available when demolishing/dismantling masonry and concrete structures and describe how and when they are used.</p>		
	3.1	<p>Use health and safety control equipment and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when demolishing/dismantling masonry and concrete structures.</p>		
	3.2	<p>Explain why and when health and safety control equipment, identified by the principles of protection, should be used relating to demolishing/dismantling masonry and concrete structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV). 		
	3.3	<p>Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p>		
	3.4	<p>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.</p>		

Learning Outcome		Assessment Criterion		Evidence type	Portfolio reference	Date
4	Select the required quantity and quality of resources for the methods of work to demolish/dismantle masonry and concrete structures.	4.1	Select resources associated with own work in relation to demolition tools and equipment, plant and machinery and waste and/or recycling containers.			
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - demolition tools and equipment - waste/recycling containers. 			
		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 method of work.			
5	Minimise the risk of damage to the work and surrounding area when demolishing/dismantling brick, masonry and/or concrete structures.	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 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.			

Learning Outcome		Assessment Criterion		Evidence type	Portfolio reference	Date
6	Complete the work within the allocated time when demolishing/dismantling masonry and concrete structures.	5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, statutory regulations and official guidance relating to segregation and recycling procedures.			
		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 demolish/dismantle masonry and concrete structures, to the required specification.	7.1	Demonstrate the following work skills when demolishing/dismantling brick, masonry and concrete structures: <ul style="list-style-type: none"> - releasing, handling, lowering, sorting, stacking/storing, breaking and loading. 			
		7.2	Demolish and/or dismantle, remove and segregate masonry and concrete structures for disposal and/or recycling to given working instructions.			
		7.3	Safely segregate materials.			
		7.4	Safely use demolition tools and equipment.			
		7.5	Safely store the materials, tools and equipment used when demolishing/dismantling masonry and concrete structures.			

Learning Outcome	Assessment Criterion	Evidence type	Portfolio reference	Date
	<p>7.6 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"> - erect barriers and warning notices - demolish and/or dismantle masonry and concrete structures - segregate all arisings for recycling or disposal - use demolition tools and equipment - work at height - use access equipment. 			
	<p>7.7 Describe the needs of other occupations and how to effectively communicate within a team when demolishing/dismantling brick, masonry and/or concrete structures.</p>			
	<p>7.8 Describe how to check and maintain the tools and equipment used when demolishing/dismantling masonry and concrete structures.</p>			

Learner name: _____ Date: _____

Learner signature: _____ Date: _____

Assessor signature: _____ Date: _____

Internal verifier signature: _____ Date: _____
(if sampled)