



Regulated Qualifications Unit and Assessment Specification

Unit title	Lay and Finish Concrete
Regulator unit code	J/503/4282
SQA unit code	FV29 60

History of changes

Publication date: February 2012

Version: 02 (July 2017)

Version number	Date	Description	Authorised by
02	July 2017	Unit Specification updated to reflect current Ofqual terminology, and change made to Guided Learning Hours.	Qualifications Officer

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Regulated qualifications unit specification

Title	Lay and Finish Concrete	
Level	2	
Credit Value	8	
Learning Outcomes	Assessment Criteria	
The learner will:	The learner can:	
1 Know the requirements for laying and finishing concrete.	1.1 Interpret the drawings and specifications for the task. 1.2 State procedures for workplace safety and dealing with problems, accidents and emergencies. 1.3 State legislative requirements for disposing of waste.	
2 Know how to prepare for laying and finishing concrete.	2.1 Calculate concrete requirements to meet the specification. 2.2 Identify the materials and resources required including concrete, fabric reinforcement, timber, plywood, edgings and fixings. 2.3 Identify the hand and/or powered tools and equipment required. 2.4 Identify personal protective equipment (PPE) for the task, in accordance with the specification. 2.5 Identify the types of hazards to be aware of during the work. 2.6 Confirm the methods of work to be used.	

Learning Outcomes	Assessment Criteria
The learner will:	The learner can:
<p>3 Lay and finish concrete to specification.</p>	<p>3.1 Prepare the base and set out the work area.</p> <p>3.2 Lay reinforcement according to specification.</p> <p>3.3 Mix, transport and lay concrete according to specification.</p> <p>3.4 Place fabric reinforcement</p> <p>3.5 Form slab edging.</p> <p>3.6 Operate hand and/or powered tools and equipment.</p> <p>3.7 Compact and finish concrete to specification.</p> <p>3.8 Comply with workplace safety and legislative requirements for disposing of waste.</p>

Additional information about the unit	
Unit purpose and aim(s)	This unit provides an introduction to the key principles and techniques of laying and finishing concrete in a construction environment. It will develop the learner's understanding and practical skills of laying and finishing concrete.
Unit start date	01 September 2011
Details of the relationship between the unit and relevant national occupational standards (if appropriate)	VR 45 Place and Finish Non-Specialist Concrete
Details of the relationship between the unit and other standards or curricula (if appropriate)	
Assessment requirements specified by a sector or regulatory body (if appropriate)	Assessment of learners' knowledge and understanding will be undertaken through practical assignment and questioning based activities undertaken in the training environment. For the full training specification refer to the relevant SQA training and assessment programme for this unit.
Endorsement of the unit by a sector or other appropriate body (if required)	ConstructionSkills
Location of the unit within the subject/sector classification system	5.2 Building and Construction
Name of the organisation submitting the unit	SQA
Guided Learning Hours	75

Regulated qualifications unit assessment specification

Assessment (evidence) requirements

Learners are required to produce evidence to confirm that they have achieved all learning outcomes and assessment criteria outlined in this unit. Learner training and assessment should take place in as realistic an environment as possible to that of a live working site.

Performance evidence is required to demonstrate that the learner has achieved the standard specified in the learning outcomes and assessment criteria.

Performance evidence must be produced at an appropriate point in training under supervised conditions once the learner has developed the necessary skills and knowledge required to carry out the assessment. This performance evidence must be supplemented with a completed assessor observational/operational checklist.

Evidence should be demonstrated by the learner laying all of the following:

- ◆ concrete slabs/bases
- ◆ slab edging
- ◆ position reinforcements

As part of the assessment for this unit, the learner will also produce evidence of a method statement and a completed risk assessment for a specified training activity. Oral or written evidence of knowledge and understanding may be demonstrated by the learner during practical assignments set for all learning outcomes and noted at the time by the training assessor.

Guidance on instruments of assessment:

Centres may use the method of assessment which they consider to be most appropriate but are encouraged to use the training assessment programme (TAP) developed centrally by SQA. It is expected that learners will have to demonstrate current knowledge and understanding of safe working practice and risk assessment methods etc., prior to being set the assessment tasks.

Opportunities for integrated assessment of this unit may be possible with all mandatory units.

Knowledge and understanding of the processes involved in laying and finishing concrete should be assessed before any practical assignments are carried out by learners. This will include assessment of a learner's ability to prepare the work area for laying and finishing concrete.

Practical assignments should be carried out under supervised conditions and recorded in an assessor observation/operational checklist. Assessments should confirm that a learner has the ability to safely carry out basic concrete laying and finishing procedures using designated machinery or equipment correctly and safely, whilst adhering to current statutory health and safety regulations and legislation.

Adherence to current statutory working regulations and health and safety procedures will be observed during the practical exercise carried out by the learner towards all learning outcomes.

Opportunities for the use of e-assessment

E-assessment may be appropriate for some assessments in this unit. By e-assessment we mean assessment which is supported by information and communications technology (ICT), such as e-testing or the use of e-portfolios or e-checklists. Centres which wish to use e-assessment must ensure that the national standard is applied to all learner evidence and that conditions of assessment as specified in the assessment (evidence) requirements are met, regardless of the mode of gathering evidence. Further advice is available on the SQA Solar e-assessment system.