



## Regulated Qualifications Unit and Assessment Specification

<b>Unit title</b>	Install Street Ironwork
<b>Regulator unit code</b>	F/503/4281
<b>SQA unit code</b>	FV3A 60

## History of changes

**Publication date:** February 2012

**Version:** 02 (July 2017)

<b>Version number</b>	<b>Date</b>	<b>Description</b>	<b>Authorised by</b>
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

<b>Title</b>	Install Street Ironwork	
<b>Level</b>	2	
<b>Credit Value</b>	4	
<b>Learning Outcomes</b>	<b>Assessment Criteria</b>	
<b>The learner will:</b>	<b>The learner can:</b>	
1 Know how to prepare for the installation of ironworks fixtures in the road.	1.1 Interpret given information to identify the work area. 1.2 Identify ironwork installation requirements from the given instructions. 1.3 Identify the ironwork fixtures required for the work. 1.4 Identify the materials and resources required including sand, cement, mortar, resin based materials, access covers, gully grates and frames. 1.5 Identify the hand and/or powered tools and equipment required. 1.6 State procedures for workplace safety and dealing with problems, accidents and emergencies.	
2 Know how to excavate for installation of ironwork fixtures in the road.	2.1 Identify personal, protective equipment (PPE) for the task in accordance with the specification. 2.2 Identify the types of hazards to be aware of during the task. 2.3 Identify the area where the street ironwork is to be installed. 2.4 State how to secure the site for work to be carried out. 2.5 State legislative requirements for disposing of waste.	

<b>Learning Outcomes</b>  <b>The learner will:</b>	<b>Assessment Criteria</b>  <b>The learner can:</b>
3 Excavate and install ironwork fixtures in the road.	3.1 Mark out the area to be excavated according to the specification. 3.2 Excavate for fitting ironworks according to the specification. 3.3 Install the selected ironwork fixtures. 3.4 Protect ironwork during curing. 3.5 Operate hand and/or powered tools and equipment. 3.6 Reinststate the surrounding excavation to specification. 3.7 Adhere to statutory requirements, safety notices and warning signs. 3.8 Dispose of waste in accordance with legislative requirements.

<b>Additional information about the unit</b>	
Unit purpose and aim(s)	This unit covers essential knowledge and practical experience relating to the installation and re-setting of ironwork fixtures in the construction environment. The unit is suitable for learners who have had little or no experience to date in the construction environment and who want to gain and apply knowledge and understanding of ironwork fixture installation and re-setting in the workplace environment.
Unit start date	01 September 2011
Details of the relationship between the unit and relevant national occupational standards (if appropriate)	VR 366 Install Street Ironwork
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)	<p>Assessment of learners' knowledge and understanding will be undertaken through practical assignment and questioning based activities undertaken in the training environment.</p> <p>For the full training specification refer to the relevant SQA training and assessment programme for this unit.</p>
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	36

## 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:

- ◆ positioning, fitting and aligning street ironwork
- ◆ protecting ironwork during curing

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 installing street ironwork 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 installing street ironwork.

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 street ironwork installation 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.