



Unit Specification for Regulated Qualifications

Unit title	Use Tools to Cut and Pierce Jewellery or Silverware Components
Unit Level	2
Credit	5
Guided Learning Hours	38
SQA Unit code	H6YL 68
Regulator Unit code	H/506/1263
Publication date	February 2018
Unit owner and reference	Creative and Cultural Skills J2.5
Version	Version 2.0

History of changes to unit

Version	Description of change	Date
2.0	Unit specification updated to reflect current Ofqual terminology and transferred to new unit template	February 2018

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Additional copies of this unit specification can be purchased from the Scottish Qualifications Authority. Please contact the Business Development and Customer Support team, telephone 0303 333 0330.

Unit purpose

This unit covers the skills and knowledge required to identify and use the different types of equipment appropriate to your work to cut and pierce materials. You will work to a given specification which may include timescales in which to complete your work.

Statement of standards

Acceptable performance in this unit will be the satisfactory achievement of the standards set out in this part of the unit specification. All sections of the statement of standards are mandatory and cannot be altered without reference to SQA.

Learning outcomes		Assessment criteria
The learner will:		The learner can:
1	Understand the importance of safe working when cutting and piercing	1.1 State the risks that may be encountered when cutting and piercing items. 1.2 Explain how risks can be reduced when cutting and piercing items. 1.3 Describe the importance of keeping the work area safe and tidy.
2	Know how to cut and pierce jewellery and silverware components.	2.1 Describe the methods that can be used for marking out and drilling for piercing simple shapes and patterns. 2.2 Describe how to check that equipment is in a useable condition. 2.3 Describe how to cut sheet materials using appropriate cutting equipment. 2.4 Explain the type of saw and blade that should be used with different materials. 2.5 Describe the importance of retaining valuable waste material. 2.6 Describe the checks that should be used to ensure that piercing and cutting is accurate.
3	Be able to use tools to cut and pierce jewellery and silverware components.	3.1 Accurately follow instructions for cutting and piercing components including: <ul style="list-style-type: none"> ◆ oral instructions ◆ written instructions ◆ drawn instructions

		<p>3.2 Select the correct saw and blades suited to the task including:</p> <ul style="list-style-type: none"> ◆ piercing saw ◆ junior hacksaw ◆ standard hacksaw <p>3.3 Cut for jewellery and silverware using a range of cutting tools including:</p> <ul style="list-style-type: none"> ◆ hand shears ◆ guillotine ◆ bench shears <p>3.4 Use a piercing saw frame with the appropriate saw blade to produce a range of shapes including:</p> <ul style="list-style-type: none"> ◆ straight lines ◆ spiral ◆ round hole ◆ square hole ◆ symmetrical design fretwork <p>3.5 Check finished work against specification.</p>
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Equality and inclusion

This unit specification has been designed to ensure that there are no unnecessary barriers to learning or assessment. The individual needs of learners should be taken into account when planning learning experiences, selecting assessment methods or considering alternative evidence.

Further advice can be found on our website www.sqa.org.uk/assessmentarrangements.

Additional information about the unit
Unit start date
01 April 2014
Details of the relationship between the unit and relevant national occupational standards (if appropriate)
This unit is aligned to the national occupational standard J2.5 Cut and pierce jewellery or silverware components.
Details of the relationship between the unit and other standards or curricula (if appropriate)
N/A
Assessment requirements specified by a sector or regulatory body (if appropriate)
N/A
Endorsement of the unit by a sector or other appropriate body (if required)
N/A
Location of the unit within the subject/sector classification system
4.2 Manufacturing Technologies
Assessment for this unit
<p>Required to:</p> <ul style="list-style-type: none"> ◆ Identify all of the following styles and secure stones using two of them: <ul style="list-style-type: none"> — rub over setting — thread and grain — star setting — pavee setting — simple claw settings <p>Guidance on Assessment</p> <p>Project brief Oral questioning Observational checklist Witness testimony</p>