



QCF Unit and Assessment Specification

Unit title	Saw and Pierce Jewellery Components
Ofqual Unit code	T/506/1705
SQA Unit code	H6Y5 79

History of changes

Publication date: May 2014

Version: 01

Version number	Date	Description	Authorised by

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QCF Unit specification

Title	Saw and Pierce Jewellery Components	
Level	3	
Credit value	13	
Learning Outcomes	Assessment Criteria	
The learner will:	The learner can:	
1 Understand how to saw and pierce complex jewellery components.	1.1 Describe the specific safety precautions to be taken when using sheet metal, sawing and piercing tools.	1.2 Critically compare the methods that may be used to mark out, drill and pierce complex shapes and patterns.
	1.3 Justify the types of saw that should be used for particular processes or methods.	1.4 Explain why different types of saw blade should be used for different processes or methods.
	1.5 Explain the importance of keeping the work area safe and tidy to retain valuable waste (leml).	1.6 Describe how to check that pierced and sawn products meet the required standard.
2 Be able to saw and pierce complex jewellery components.	2.1 Interpret instructions for sawing and piercing complex components. Instructions to include: <ul style="list-style-type: none"> ◆ verbal ◆ design ◆ technical drawings 	2.2 Identify and select the correct saw blades.
	2.3 Cut out a range of complex items using a piercing saw frame. Shapes to include: <ul style="list-style-type: none"> ◆ parallel straight lines ◆ parallel curved lines ◆ round back holes ◆ square back holes ◆ honeycomb ◆ symmetrical design fretwork 	2.4 Assess the degree to which products of work meet a given specification.

Additional information about the Unit
Unit purpose and aim(s)
This Unit covers the skills and knowledge required to use the different types of sawing equipment appropriate to your work to cut and pierce materials. You will be required to work to instructions, use a range of saws appropriate to the design of the product. You will be expected to check the quality and accuracy of your work against given tolerances. You need to be able to recognise any defects, to determine the appropriate action to rectify them and ensure that the finished work meets the given specification.
Unit expiry date
28 February 2019
Details of the relationship between the Unit and relevant national occupational standards or other professional standards or curricula (if appropriate)
Creative and Cultural Skills standards Unit relates to National Occupational Standards J3.5
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
Name of the organisation submitting the Unit
SQA
Availability for use
Shared
Availability for delivery
May 2014
Guided Learning Hours
89

QCF Assessment specification

Assessment (evidence) Requirements

Evidence is required to demonstrate that learners have achieved all Outcomes and Performance Criteria.

Written and/or oral evidence is required which demonstrates that the learner has achieved Outcome 1 to the standard specified in the Outcome and Performance Criteria. The evidence for the Outcomes should be obtained under controlled, supervised conditions.

Product evidence is required which demonstrates that the learner has achieved Outcome 2 to the standard specified in the Outcome and Performance Criteria. Each learner will be able to; follow instructions that are — verbal, design and technical drawing, for sawing and piercing complex components.

Identify and select the correct saw blades, cut out range of items using a piercing saw frame and complete the work to the given specification.

Guidance on Instruments of Assessment

Outcome 1 — written and/or oral evidence

Formative assessment activities can be used to help learners consolidate their learning and knowledge gained, but care must be taken when designing these types of activities to ensure they relate to the Performance Criteria.

Outcome 2 — practical performance

The assessor should observe the learner sawing and piercing complex jewellery components.