



QCF Unit and Assessment Specification

Unit title	Polish and Finish Jewellery Components to a Commercial Standard
Ofqual Unit code	F/506/1707
SQA Unit code	H6Y7 79

History of changes

Publication date: May 2014

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Version number	Date	Description	Authorised by

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QCF Unit specification

Title	Polish and Finish Jewellery Components to a Commercial Standard	
Level	3	
Credit value	18	
Learning Outcomes	Assessment Criteria	
The learner will:	The learner can:	
1 Understand how to prepare polishing equipment for use.	1.1 Describe the specific hazards that may occur when using polishing equipment and how these may be managed/avoided.	
	1.2 Describe the correct way to safely use and prepare polishing equipment.	
	1.3 Explain how to specify the use of common compounds including: <ul style="list-style-type: none"> ◆ abrasive ◆ polishing ◆ finishing ◆ matting 	
	1.4 Explain how to specify the use of polishing tools including: <ul style="list-style-type: none"> ◆ mops ◆ brushes ◆ felt bobs ◆ composition wheels 	
	1.5 Describe how to prepare and dress mops and bobs.	
	1.6 Describe the function of materials used in barrel polishing.	
2 Understand how to use polishing techniques.	2.1 Describe the correct methods for presenting objects to the polishing lathe.	
	2.2 Describe the correct sequence for removing fire stain, preliminary abrasive polishing, bright polishing and finishing.	
	2.3 Illustrate the features of a commercially acceptable standard.	
	2.4 Describe how to reach a commercially acceptable standard.	

Learning Outcomes The learner will:	Assessment Criteria The learner can:
	2.5 Describe how to hand polish items. 2.6 Describe how to barrel polish items. 2.7 Explain how ultrasonic cleaning machines can be used. 2.8 Explain the use of sawdust drying in the polishing process. 2.9 Describe how plating equipment can be used. 2.10 State the micron thickness of the product used when plating.
3 Be able to polish complex jewellery components to a commercial finish.	3.1 Produce a commercially acceptable finish on completed work. 3.2 Polish work made from a range of precious metals. 3.3 Finish work using a range of equipment. 3.4 Check work to see that it meets the standards and tolerances required including: <ul style="list-style-type: none"> ◆ dimensionally accurate ◆ correctly formed ◆ free from fire stain ◆ free from stretching ◆ free from blemishes ◆ meets specification

Additional information about the Unit
Unit purpose and aim(s)
This Unit covers the skills and knowledge required to polish and finish components, using appropriate techniques. In producing a finish on the components, you will be required to work to instructions and to use a range of mops, polishes and techniques, appropriate to the type of material and surface finish required.
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 J3.14
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
156

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 Outcomes 1 and 2 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 3 to the standard specified in the Outcome and Performance Criteria.

Each learner will demonstrate they can produce a commercial finish on work, polish work made in a range of precious metals — one of the following groups as appropriate to your work role.

Jeweller, polish **one** of the following: silver, gold or platinum.

OR

Silversmith, polish **one** of the following: silver or gold.

Finish work, using a range of equipment, one of the following groups as appropriate to your work role.

Jeweller, use all of the following equipment: polishing lathe, pendant motor, ultrasonic and rhodium and gold plating.

OR

Silversmith, use all of the following equipment: polishing lathe, pendant motor, ultrasonic and silver plating, gold plating.

Check that the completed work/work pieces are dimensionally accurate, correctly formed, and free from fire-stain, stretching and blemishes.

Guidance on Instruments of Assessment

Outcomes 1 and 2 — 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 3 — practical performance

The assessor should observe the learner polishing complex jewellery components to a commercial finish.