

J3.6 Form jewellery components SQA Unit Code H9VC 04

Unit Summary

This unit covers the skills and knowledge required to produce jewellery using forming techniques. You will be required to work to instructions and follow designs, using a range of hand tools and a variety of techniques, appropriate to the type of material being used. You will be expected to check the quality of your work, report any defects, to seek guidance to rectify them and to ensure that the finished work meets the given specification which may include timescales..

Performance Indicators

You will be able to:

- a) **Form jewellery components** using a range of methods
- b) Produce jewellery items using a **range of wire types**
- c) Produce jewellery using various **types of sheet metal**
- d) Avoid excessive waste of material,
- e) Check and finish the completed components ensuring they are dimensionally accurate, correctly formed and free from excessive tooling marks, stretching and blemishes
- f) Complete the work to a given specification

Knowledge and Understanding

You will know and understand:

- 1) How to measure accurately
- 2) Methods of creating three-dimensional forms
- 3) The use of heat treatment techniques in annealing
- 4) How to use and select the correct tools and equipment
- 5) The materials suitable for making jigs or aids to creating forms
- 6) How to avoid any unnecessary damage to material surfaces
- 7) How to check finished work pieces for dimensional accuracy

Range

You are required to:

- A. **Form jewellery components** using at least 2 of the following methods:
 - (i) Drawing wire
 - (ii) Using Jigs
 - (iii) Rolling mills
 - (iv) Using pressed stampings
 - (v) Pliers

B. Produce jewellery items to include all of the following types of **wire**:

- (i) Round
- (ii) Square
- (iii) Rectangular

C. Produce jewellery to all of the following types of sheet:

- (i) Flat sheet
- (ii) Curved sheet
- (iii) Concave, convex sheet