

J3.19 Produce tools or jigs for use in the manufacturing process of jewellery or silversmithing SQA Unit Code H9VM 04

Unit Summary

This unit covers the skills and knowledge required to produce tools for the jewellery or silversmithing industry using a combination of techniques. You will be required to work to instructions, and to use a range of techniques to make the type of tool or jig required. You will be expected to check the quality of your work, using measuring equipment appropriate to the aspects being checked and tolerances to be achieved.

Performance Indicators

You will be able to:

- a) Produce the required tools or jigs using a range of **materials**
- b) Produce components which use the tools or jigs
- c) Check work pieces are to the required standard and features

Knowledge and Understanding

You will know and understand:

- 1) The specific safety precautions to be taken when using the tools or jigs
- 2) The correct protective clothing and equipment and the importance of wearing it
- 3) The importance of keeping the work area safe and tidy
- 4) How to check finished tools or jigs for dimensional accuracy, squareness, angle and surface finish.

Range

You are required to:

- A. Produce a selection of tools or jigs using two of the following **materials**:
 - (i) Ferrous
 - (ii) Non-ferrous
 - (iii) Non metallic