

J2.3 Mark out and measure materials for jewellery or silverware components

SQA Unit Code H9VY 04

Unit Summary

This unit covers the skills and knowledge required for marking out and measuring materials for the manufacture of jewellery components. You will be required to obtain the appropriate marking out equipment and check that it is in usable condition, and mark out using appropriate methods.

Performance Indicators

You will be able to:

- a) Identify common **marking out and measuring tools**
- b) Follow **instructions** for marking out
- c) Use marking out equipment on metal surfaces to given specifications and dimensions in a way that avoids excessive waste

Knowledge and Understanding

You will know and understand:

- 1) Simple Technical drawings, their conventions
- 2) Marking out methods, and measuring tools and equipment

Range

You are required to:

- A. Correctly identify all of the following **marking out and measuring tools**:
 - (i) Micrometers
 - (ii) Vernier gauge, caliper
 - (iii) Steel rule
 - (iv) Steel Dividers (various)
 - (v) Scriber
 - (vi) Centre punch

- B. Follow two of the following types of **instructions** relating to marking out:
 - (i) Verbal
 - (ii) Written
 - (iii) Drawing