

J2.12 Identify and explain methods and tools used in vitreous enamelling SQA Unit Code H9W8 04

Unit Summary

This unit covers the skills and knowledge related to the use of basic hand tool applications to carry out enamelling. Work includes basic enamelling and simple carving techniques on flat surfaces to achieve relief for enamel and patterns.

Performance Indicators

You will be able to:

- a) Identify the most appropriate **method of enamelling** for a range of applications
- b) Identify a range of **enamelling techniques**
- c) Identify and explain the use of a range of tools and how they are used to achieve specific outcomes
- d) Identify and explain how to use the kiln

Knowledge and Understanding

You will know and understand:

- 1) Enamelling terminology
- 2) The difference between opaque, transparent, and opalescent enamel
- 3) How to interpret drawings and/or specifications
- 4) The importance of carrying out work in a particular sequence
- 5) How to identify different tools and their applications
- 6) Health & safety procedures for maintaining usage and storage of chemicals

Range

You are required to:

- A. Identify and explain at least two of the following **methods of enamelling**
 - (i) Dry sifting
 - (ii) Wet packing
 - (iii) Liquid enamels

- B. Identify and explain both of the following **enamelling techniques**
 - (i) Flat surface enamelling
 - (ii) Counter enamelling