

## **J4.2 Research, develop and produce drawn plans for precious products SQA Unit Code H9TF 04**

### **Unit Summary**

This unit covers the skills and knowledge required to research, present then discuss ideas for products. You will be required to produce plans, and provide any other supporting documentation that may be required. Your role will also involve co-coordinating the production, communicating, and managing the developments of these new products.

### **Performance Indicators**

You will be able to:

- a) Select the appropriate method for the required research
- b) Compile ideas or designs for new products
- c) Research existing and emerging techniques and methodologies
- d) Calculate manufacturing and development cost and production constraints
- e) Record any problems or difficulties, advising appropriate persons, and agreeing a plan of action
- f) Document the activities

### **Knowledge and Understanding**

You will know and understand:

- 1) The principles of planning, organizing and costing
- 2) The estimation and management of time
- 3) The hallmarking regulations
- 4) Patents and copyrights
- 5) ISO requirements
- 6) Trading standards and consumer protection law
- 7) Presentation skills
- 8) Manufacturing techniques and processes
- 9) How to locate and obtain material and information