

Specification of Competency Standards for the Jewellery Industry
Unit of Competency

1. Title	Apply various kinds of jewellery processing techniques
2. Code	JLZZRD401A
3. Range	This unit of competency is applicable in jewellery companies or worksites. Practitioners should be capable to master various kinds of jewellery processing techniques independently, and make product samples according to the requirement of the design to serve as reference for product development.
4. Level	4
5. Credit	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Know about the techniques of forming, assembling and processing in the later period of manufacturing</p> <ul style="list-style-type: none"> ◆ Know about the forming techniques of jewellery products <ul style="list-style-type: none"> • The forming methods of metal plate/bar, such as: slitting, hammering and bending, etc. • The process of wax moulding and the method of wax carving • The forming methods of other materials, such as: plastic and cloth, etc. ◆ Know about the assembling techniques of jewellery products <ul style="list-style-type: none"> • The assembling method of various kinds of metal pieces, such as: interlocking, snap fit and welding, etc. • The setting methods of various kinds of gemstones, such as: prong setting, bazel setting, channel setting and wax setting, etc. • The assembling method of other materials, such as: plastic and cloth, etc.

	<ul style="list-style-type: none"> ◆ Know about the necessary technology and working procedure in the later period of jewellery manufacturing, such as: engraving, etching, sandering, polishing, electroplating and dyeing, etc. <p>6.2 Apply jewellery processing techniques</p> <ul style="list-style-type: none"> ◆ Capable to employ various kinds of jewellery processing techniques proficiently to make product samples according to the requirement of the design to serve as reference for product development ◆ Know about the standard requirement of various kinds of processing techniques and monitor and ensure that the samples for product development can meet standard requirement
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to master various kinds of jewellery processing techniques independently, and make product samples according to the requirement of the design to serve as reference for product development; and</p> <p>(ii) Capable to monitor and ensure that the samples for product development can meet standard requirement.</p>
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person concerned already possesses basic knowledge on jewellery materials and jewellery manufacturing.</p>