

**Specification of Competency Standards for the Jewellery Industry**  
**Unit of Competency**

1. Title	Make relatively complicated jewellery models
2. Code	JLZZDE406A
3. Range	This unit of competency is applicable in jewellery companies or worksites. Practitioners should be capable to use different materials to make relatively complicated jewellery prototypes independently.
4. Level	4
5. Credit	6
6. Competency	<p align="center"><u>Performance Requirements</u></p> <p>6.1 Know about the techniques of making jewellery prototypes and models</p> <ul style="list-style-type: none"> <li>◆ Know about the manufacturing techniques, formative techniques and technologies in making jewellery prototypes, such as: <ul style="list-style-type: none"> <li>• Forging. Make use of forging method to create the pattern and surface texture</li> <li>• Wax carving. Use wax carving technique to produce the appearance of the design</li> <li>• Lost wax casting. Use wax mould to connect different components and structural units to form the appearance of the design</li> <li>• Welding</li> </ul> </li> <li>◆ Know about the application of different kinds of jewellery manufacturing instruments, such as: file and wax spatula</li> <li>◆ Know about the functions of different kinds of materials, such as: metal plates, metals and metal posts, etc</li> </ul>

	<p>6.2 Make jewellery models and prototypes ♦ Capable to produce three-dimensional models and can make use of the texture of the jewellery plus gemstones or materials that meet the size and shape of the design to fully display the characteristics of the design, such as the appearance, structure, materials and surface treatment of the jewellery, and capable to present the model equivalent to the real object</p>
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Capable to make relatively complicated jewellery models independently to display the features, texture and colour of the external design, etc.; and</li> <li>(ii) Capable to make jewellery models that can reflect the characteristics of the real object so that the jewellery models can be used for display and to facilitate business and communication with customers.</li> </ul>
<p>8. Remarks</p>	<p>The credit value of this unit of competency is set on the presumption that the person concerned already possesses the general technique of making jewellery models.</p>