

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

1. Title	Understand the relationship between jewellery manufacturing and design	
2. Code	JLZZDE308A	
3. Range	This unit of competency is applicable in jewellery companies or worksites. Practitioners should be capable to understand and tie in with the basic manufacturing operation of jewellery when designing jewellery products to achieve higher cost effectiveness.	
4. Level	3	
5. Credit	6	
6. Competency	<u>Performance Requirements</u>	
	6.1 Understand the matching jewellery manufacturing operation with design drawing	<ul style="list-style-type: none"> <li>◆ Know about jewellery manufacturing procedure and the inter-relationships of each working procedure <ul style="list-style-type: none"> <li>• Wax/silver model making</li> <li>• Lost wax casting</li> <li>• Jewellery trimming</li> <li>• Gems setting</li> <li>• Electroplating</li> </ul> </li> </ul>
	6.2 Make use of the knowledge of manufacturing operation to facilitate jewellery design	<ul style="list-style-type: none"> <li>◆ Capable to take into account manufacturing procedure when designing jewellery products, so as to avoid problems resulting from a mismatch between the design and the manufacturing process which will in turn lead to higher production cost.</li> </ul>

7. Assessment Criteria	The integrated outcome requirement of this unit of competency is:  (i) Capable to understand the manufacturing process of jewellery so as to apply such knowledge in jewellery design to cope with the production, thus enhancing cost effectiveness.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person concerned already possesses basic knowledge of jewellery manufacturing and general jewellery drawing technique.