

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

1. Title	Formulate plans to improve jewellery manufacturing techniques and technologies
2. Code	JLZZPD602A
3. Range	This unit of competency is applicable in jewellery factories/worksites. Practitioners should be capable to master jewellery manufacturing techniques and technologies to evaluate, assess and analyze the current jewellery manufacturing techniques, so as to effectively formulate plans to improve jewellery manufacturing techniques and technologies.
4. Level	6
5. Credit	9
6. Competency	<p align="center"><u>Performance Requirements</u></p> <p>6.1 Know about jewellery manufacturing technique and technology</p> <ul style="list-style-type: none"> <li>◆ Capable to understand and identify the problems of manufacturing techniques encountered by the industry</li> <li>◆ Know about the industry's new technology to improve production quality</li> <li>◆ Apply new technologies/manufacturing techniques of other industries to improve the production quality in jewellery manufacturing</li> <li>◆ Capable to integrate the specific manufacturing techniques of jewellery and master the information on the latest technological development to develop new knowledge in jewellery manufacturing techniques</li> </ul>

	<p>6.2 Formulate plans to improve jewellery manufacturing techniques and technologies</p>	<ul style="list-style-type: none"> <li>◆ Identify ways to improve manufacturing techniques, such as: <ul style="list-style-type: none"> <li>• Compare different kinds of jewellery manufacturing techniques</li> <li>• Assess the feasibility of implementing different kinds of jewellery manufacturing techniques in the organization</li> </ul> </li> <li>◆ Introduce advanced machineries and equipments, such as: <ul style="list-style-type: none"> <li>• Collect information on advanced machineries and equipments</li> <li>• Introduce advanced machineries and equipments to enhance production efficiency and quality</li> </ul> </li> <li>◆ Assess and establish the technological level of the factory's products, such as: <ul style="list-style-type: none"> <li>• Assess jewellery manufacturing technologies in the Mainland and overseas</li> <li>• Introduce advanced technologies from overseas</li> </ul> </li> <li>◆ Formulate comprehensive manufacturing plans to meet the organization's development direction</li> <li>◆ Participate in the industry's technological seminars and activities regularly</li> <li>◆ Take the improvement of jewellery manufacturing techniques as a project subject to continual research and regular reviews</li> <li>◆ Design and apply suitable research methods</li> <li>◆ Effectively allocate and utilize research resources</li> </ul>
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7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to master jewellery manufacturing techniques and technologies to evaluate, assess and analyze the current jewellery manufacturing techniques; to assess the feasibility of implementing different kinds of jewellery manufacturing techniques in the organization, so as to effectively formulate plans to improve jewellery manufacturing techniques and technologies to meet the organization's development direction.</p>
8. Remarks	<p>This unit of competency is applicable to the organization's senior managerial staff responsible for manufacturing and the policy making authority.</p>