

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

Functional Area - Research and Product Development

Title	Lead and implement the application of innovative jewellery processing techniques
Code	108919L7
Range	This unit of competency is applicable to decision-makers responsible for research and product development in the jewellery industry. Practitioners should be capable of making analysis, assessment and judgment. They should be able to lead the organization to develop innovative jewellery processing techniques with a comprehensive understanding of the industry and the ability to look forwards. They should also be able to lead and implement the application of these innovative jewellery processing techniques, enabling the organization or the industry to go beyond existing technical limitations and make breakthroughs that carry a profound impact on jewellery processing techniques.
Level	7
Credit	3
Competency	<p>Performance Requirements</p> <p>1. Understand projects on innovative jewellery processing techniques</p> <ul style="list-style-type: none"> <li>• Know about the workflow, requirements, modes and important points when implementing different projects on innovative jewellery processing techniques</li> </ul> <p>2. Lead and implement projects on innovative jewellery processing techniques</p> <ul style="list-style-type: none"> <li>• Lead and implement projects on innovative jewellery processing techniques <ul style="list-style-type: none"> <li>○ Develop projects on innovative jewellery processing techniques <ul style="list-style-type: none"> <li>▪ Explore potential and practical projects on innovative processing techniques</li> <li>▪ Prepare relevant proposals</li> </ul> </li> <li>○ Lead and implement projects on innovative processing techniques <ul style="list-style-type: none"> <li>▪ Co-ordinate the allocation of resources according to project needs</li> <li>▪ Communicate with the internal departments/staff participating in the projects and outside organizations, so as to co-ordinate the workflow and progress of the projects on innovative processing techniques</li> </ul> </li> <li>○ Conduct an overall review on the effectiveness of the projects on innovative processing techniques <ul style="list-style-type: none"> <li>▪ Conduct an overall and systematic review on the progress and effectiveness of each project on innovative processing techniques on a regular basis, and make rectification</li> </ul> </li> </ul> </li> <li>• Master the technical innovation model <ul style="list-style-type: none"> <li>○ Technical innovation overview</li> <li>○ Features of innovation</li> <li>○ Constraints on technical innovation</li> <li>○ Measures to accelerate technical innovation</li> </ul> </li> <li>• Understand intellectual property ordinances to safeguard the achievements of the projects on innovative processing techniques</li> </ul> <p>3. Professionalism</p> <ul style="list-style-type: none"> <li>• Prevent any abuse/misappropriation of assets of the organization, corrupt practices, fraud, extravagance and waste, etc. in activities involved in the implementation of projects on innovative jewellery processing techniques</li> <li>• Ensure that the policies on innovative jewellery processing techniques of the organization meet the latest development</li> </ul>

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Assessment Criteria	The integrated outcome requirements of this unit of competency are: <ul style="list-style-type: none"><li>• Able to lead and implement projects on innovative jewellery processing techniques; and</li><li>• Conduct an overall review on each project on innovative processing techniques, and lead the organization/industry to make breakthroughs that carry a profound impact and to go beyond existing limitations of the organization/industry, thus bringing about new development or reform to the organization/industry.</li></ul>
Remark	