

Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Research and Product Development

Title	Implement innovative research plans on jewellery
Code	108913L6
Range	This unit of competency is applicable to managers 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 independently perform various kinds of innovative research, development and knowledge transfer duties about jewellery products/ techniques, or lead subordinate staff to perform such duties.
Level	6
Credit	6
Competency	<p>Performance Requirements</p> <p>1. Understand the innovative topical research methods</p> <ul style="list-style-type: none"> • Know about various kinds of innovative topical research methods, such as: <ul style="list-style-type: none"> ○ Develop topical research projects ○ Conduct innovative topical research ○ Implement the plans according to the research results <p>2. Implement innovative research plans on jewellery</p> <ul style="list-style-type: none"> • Employ highly specific techniques/academic skills to design and apply research methods, so as to perform various kinds of product research and development duties • Handle extremely complex product research to make sound and solid judgment and give innovative feedback despite the lack of complete or consistent data and information • Research on innovative manufacturing techniques <ul style="list-style-type: none"> ○ Research Background ○ The choice of technical innovation in manufacturing ○ The characteristic of the capability of technical integration • Innovative knowledge transfer and organizational strategies <p>3. Professionalism</p> <ul style="list-style-type: none"> • Ensure that the developed jewellery products meet international safety standards • Respect intellectual property and avoid plagiarism, preventing individuals and the organization from falling into the trap of infringement of intellectual property rights when developing jewellery products
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <ul style="list-style-type: none"> • Able to independently handle extremely complex product research and make sound and solid judgment as well as give innovative feedback despite the lack of complete or consistent data and information, or lead subordinate staff to perform such duties.
Remark	