

Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Research and Product Development

Title	Improve the appearance and structure of jewellery products
Code	108911L5
Range	This unit of competency is applicable to management responsible for research and product development in the jewellery industry. Practitioners should be capable of making analysis and judgment, and improving the appearance and structure of jewellery products to enhance their competitiveness.
Level	5
Credit	3
Competency	<p>Performance Requirements</p> <p>1. Understand the research or testing methods for jewellery products</p> <ul style="list-style-type: none"> • Understand the research or testing methods for jewellery products, so as to review the appearance and structure of the current products of the organization, such as: <ul style="list-style-type: none"> ○ Use information technology to collect customers' requirements on the appearance of the products ○ Study in depth the functions and applications of the materials currently used through testing ○ Review and analyze the production and processing techniques using the SWOT (Strengths, Weaknesses, Opportunities and Threats) analysis <p>2. Improve the appearance and structure of jewellery products</p> <ul style="list-style-type: none"> • Employ appropriate research and testing methods for jewellery products to review the current products of the organization, so as to identify the weaknesses in the appearance and structure of the jewellery products and the room for improvement • Find suitable ways to improve the weaknesses in the appearance and structure of the products, such as: <ul style="list-style-type: none"> ○ Introduce new technology ○ Use improved materials, manufacturing equipment or processing procedures ○ Communicate with the designing staff to make every effort to improve the appearance and structure of the current products <p>3. Professionalism</p> <ul style="list-style-type: none"> • Ensure that the improved 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 improving jewellery products
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to identify the weaknesses in the appearance and structure of the current jewellery products and make improvement to enhance the competitiveness of the products; and • Protect the intellectual property rights of the improved jewellery products to safeguard the interests of the organization.
Remark	