

Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Design

Title	Understand the relationship between jewellery manufacturing and design
Code	108885L3
Range	This unit of competency is applicable to practitioners working in the jewellery design department of the jewellery industry. Practitioners should be capable of understanding the manufacturing process of jewellery and tying it in with the design process of jewellery products, so as to achieve higher cost effectiveness.
Level	3
Credit	6
Competency	<p>Performance Requirements</p> <p>1. Understand the matching between the jewellery manufacturing process and design drawings</p> <ul style="list-style-type: none"> • Know about the basic manufacturing procedures of hand-made jewellery and the interrelationships between the work procedures, such as: <ul style="list-style-type: none"> ○ Gold casting ○ Gems setting ○ Polishing/Electroplating • Know about the basic batch manufacturing procedures of jewellery and the interrelationships between the work procedures, such as: <ul style="list-style-type: none"> ○ Wax/Silver model making ○ Lost wax casting ○ Jewellery trimming ○ Gems setting ○ Polishing/Electroplating <p>2. Make use of the knowledge of the manufacturing process to facilitate jewellery design</p> <ul style="list-style-type: none"> • Take into account the manufacturing process when designing jewellery products, so as to avoid problems due to a mismatch between the design and the manufacturing process, resulting in increased production costs <p>3. Professionalism</p> <ul style="list-style-type: none"> • Respect intellectual property and avoid plagiarism, preventing individuals and the organization from falling into the trap of infringement of intellectual property rights
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <ul style="list-style-type: none"> • Able to understand the manufacturing processes of jewellery so as to apply such knowledge in jewellery design to tie in with the production, thus enhancing cost effectiveness.
Remark	