

Specification of Competency Standards for the Jewellery Industry
Unit of Competency

1. Title	Master basic metalsmithing techniques	
2. Code	JLZZPD102A	
3. Range	This unit of competency is applicable in jewellery manufacturing workshop. Practitioners should be capable to use general goldsmithing tools and equipments to make simple jewellery under supervision.	
4. Level	1	
5. Credit	9	
6. Competency	<u>Performance Requirements</u>	
	6.1 Understand precious metals and the safe use of goldsmithing equipment	<ul style="list-style-type: none"> ◆ Know about the characteristics of precious metals, such as: fine gold, karat gold, fine silver and platinum, etc. ◆ Know about the methods to prevent precious metals from deterioration ◆ Know how to use goldsmithing tools and equipments safely ◆ Know about basic metal work techniques
	6.2 Master basic metalwork techniques	<ul style="list-style-type: none"> ◆ Master the use of goldsmithing tools and equipments: <ul style="list-style-type: none"> • Flexible shaft machine and burrs • Soldering setup • Sawing, shearing and holding tools • Filing and grinding tools • Rolling mills • Drawbench ◆ Basic metalsmithing techniques <ul style="list-style-type: none"> • Sawing technique • Filing technique • Surface grinding technique • Jewellery welding technique • Metal bending technique

	<ul style="list-style-type: none"> • Metal chasing/repoussé and forming technique • Metal sheet and wire milling technique
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to apply the knowledge of precious metals and general goldsmithing tools and equipments in jewellery manufacturing, and can use them to make simple jewellery under supervision.</p>
8. Remarks	<p>This unit of competency is applicable to jewellery practitioners performing job duties related to jewellery manufacturing.</p>