

Specification of Competency Standards for the Jewellery Industry
Unit of Competency

	Master basic gems setting techniques		
2. Code	JLZZPD103A		
3. Range	This unit of competency is applicable in gems setting workshop. Practitioners should be capable to use general gems setting tools and equipments to carry out simple setting under supervision.		
4. Level	1		
5. Credit	3		
6. Competency	<u>Performance Requirements</u>		
	6.1	Know about the gems setting and occupational safety	<ul style="list-style-type: none"> ◆ Know about the safety operation method of inflammable liquid ◆ Know about the safety operation of torch ◆ Know about the hardness of gemstones ◆ Know about the cut and proportion of gemstones ◆ Know about the relation between gemstones and collets <ul style="list-style-type: none"> • The tight fitting of collets • The level of stone surface • The reasons for loose/broken stones ◆ Know about the proper use of gems setting tools and equipment ◆ Know about the safely use of goldsmithing tools and equipment
	6.2	Handle basic gems setting techniques	<ul style="list-style-type: none"> ◆ Secures workpieces onto the sealing-wax ◆ Master grinding steel pins/gravers technique ◆ Master basic engraving techniques on metal surface ◆ Master the use of self-made tools

7. Assessment Criteria	The integrated outcome requirement of this unit of competency is: (i) capable to use general gems setting tools and equipments to carry out simple setting under supervision.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic metalwork techniques.