

Specification of Competency Standards for the Jewellery Industry
Unit of Competency

1. Title	Facet/polish diamond/gemstones		
2. Code	JLZZPD308A		
3. Range	This unit of competency is applicable in workplaces relevant to diamond/gemstone faceting/polishing. Practitioners should be capable to understand the features of various diamond/gemstones and effectively operate diamond/gemstone faceting/polishing equipment to perform perfect faceting and polishing on gemstone materials to obtain the highest brilliancy.		
4. Level	3		
5. Credit	15		
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the principles of diamond/gemstone faceting/polishing</p> <ul style="list-style-type: none"> ◆ Understand diamond/gemstone cuts and respective requirements ◆ Understand the angle and proportion of diamond/gemstone facets ◆ Consider the characteristics of rough diamond/gemstones in order to design its cuts <ul style="list-style-type: none"> • Cut • Cleavage • Colour • Carat <p>6.2 Master diamond/gemstone faceting/polishing techniques</p> <ul style="list-style-type: none"> ◆ Master diamond/gemstone faceting/polishing procedures and techniques <ul style="list-style-type: none"> • Cutting rough stones <ul style="list-style-type: none"> ▸ cleaving ▸ sawing ▸ laser cutting • The faceting procedures of rough <ul style="list-style-type: none"> ▸ bruting ▸ faceting ▸ polishing 		

	<p style="text-align: center;">◆ Master diamond/gemstone facets trimming/repairing techniques</p>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to master the features of various diamonds/gemstones and apply faceting/polishing techniques to perform perfect faceting and polishing on gemstone materials so as to strengthen the internal reflection and refraction of the gemstone; and</p> <p>(ii) Capable to consider the requirement on quality, colour, cleavage, optical properties of the stone when performing diamond /gemstone faceting /polishing.</p>
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses the competency in operating diamond/gemstone faceting/polishing equipment.</p>