

Specification of Competency Standards for the Jewellery Industry
Unit of Competency

1. Title	Master basic techniques in cutting/polishing gemstones and jade (jadeite/nephrite)
2. Code	JLZZPD222A
3. Range	This unit of competency is applicable in gemstones/jade cutting/polishing worksites. Practitioners should be capable to apply various gemstone and jade cutting/polishing tools and equipment safely, and master basic techniques in cutting/polishing basic gemstones and jade jewellery series under instruction.
4. Level	2
5. Credit	12
6. Competency	<p align="center"><u>Performance Requirements</u></p> <p>6.1 Know about basic gemstone and jade cutting/polishing and occupational safety</p> <ul style="list-style-type: none"> ◆ Understand the basic properties of gemstones and jade ◆ Understand common gemstone and jade jewellery series, including pendants, earrings, bangles and bracelets, etc. ◆ Industrial safety of cutting/polishing gemstones and jade <ul style="list-style-type: none"> • protection of the respiration system • the causes and precautions of Silicosis ◆ Understand the function and operation of gemstone and jade cutting/polishing tools/equipment ◆ Understand the safe operation of gemstone and jade cutting/polishing tools/equipment ◆ Understand gemstone/jade cutting/polishing procedures

	<p>6.2 Master basic gemstone and jade cutting/polishing techniques</p> <ul style="list-style-type: none"> ◆ Master the use of gemstone cutting/polishing equipment <ul style="list-style-type: none"> • Sawing • Grinding • Lapping • Drilling ◆ Master the application of various surface polishing materials <ul style="list-style-type: none"> • Sanding • Polishing • Tumbling
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to apply various gemstone and jade cutting/polishing tools and equipment safely, and master basic techniques in cutting/polishing basic gemstones and jade jewellery series under instruction.</p>
<p>8. Remarks</p>	<p>The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge in identifying common gemstones.</p>