

1. Title	Repair resin lining
2. Code	EMPERM101A
3. Range	Perform tasks for repairing resin lining or installing new containers, such as adding protection layers or repairing damaged pipes or containers (e.g. chemical tanks) made of iron, steel or concrete in general industrial plants, power plants or other places.
4. Level	1
5. Credits	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Properties of resin lining ♦ Know about the properties of resin lining, including the importance of controlling mix-ratio, temperature and solidification time according to guidelines</p> <p>6.2 Techniques and procedures of repairing resin lining ♦ Perform procedures of repairing resin lining, including:</p> <ul style="list-style-type: none"> • Performing cleaning procedures thoroughly before apply resin to the surface, ensuring that no corrosive material or any kind of liquid is on the surface • Adjusting mix-ratio and keeping the mixture to the right temperature • Applying resin with appropriate thickness evenly on the material surface according to work requirements • Grinding resin surface if it is uneven <p>6.3 Professionalism in repairing resin lining ♦ Follow the requirements of manufacturers and practical guidelines to perform resin lining repairing work, ensuring that the resin is solidified and adhered totally to the material surface</p>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to follow the guidelines to repair or add resin lining under clear instruction to the surface that needs protection layers,</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses general bench fitting techniques.