

1. Title	Basic weld joint edge production and assembly	
2. Code	EMCUIN227A	
3. Range	Produce and assemble weld joint edge in electrical and mechanical welding workshops or work sites	
4. Level	2	
5. Credits	15	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Weld joint</p> <ul style="list-style-type: none"> ◆ Understand the application of basic weld joint, such as butt joint, T joint, lap joint, fillet joint and edge joint, etc. ◆ Understand the application of different types of basic weld joint edge, such as those in rectangular shape, single groove, single J shape, double groove, double J shape, V shape and U shape, etc. ◆ Understand the impact of the main parts of weld joint on the weld metal ◆ Understand the application of methods to produce weld joints in different shapes ◆ Understand the code of safety for basic production and assembly of weld joint edge <p>6.2 Basic weld joint edge production and assembly</p> <ul style="list-style-type: none"> ◆ Capable to produce different types of basic weld joint edge safely ◆ Capable to use different types of assembling tools such as try square, ruler, feeler gauge, anchor plate, and different types of jigs and fixture, etc. for weld joint assembly ◆ Master the method and procedures of cleaning the weld joint prior to and after the work <p>6.3 Professionalism in weld joint edge production and assembly</p> <ul style="list-style-type: none"> ◆ Follow codes of safety and practice for weld joint edge production and assembly to perform basic weld joint edge production and assembly 	
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to follow codes of safety and practice for weld joint edge production and assembly to perform basic weld joint edge production and assembly.</p>	
8. Remarks	This unit of competency is applicable to electrical and mechanical welding practitioners in general.	