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	<u>Performance Requirements</u> 6.1 Weld joint ♦ 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 6.2 Basic weld joint edge production and assembly ♦ 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 6.3 Professionalism in weld joint edge production and assembly ♦ 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	The integrated outcome requirement of this unit of competency is: (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.
8. Remarks	This unit of competency is applicable to electrical and mechanical welding practitioners in general.