

1. Title	Apply basic electrical skills
2. Code	EMFSIN101A
3. Range	Use basic electrical hand tools and power tools to perform simple fitting tasks for the electrical installations of fire services under supervision in routine working environments.
4. Level	1
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of basic electrical hand tools</p> <ul style="list-style-type: none"> ◆ Know about the uses of various types of basic electrical hand tools, e.g. insulated pliers, hacksaw, wire stripper, wire stripping knife, screwdriver (flathead and cross head), crimping tool, electric drill, file, hammer, wrench, chisel, spanner, bolts and nuts, etc. <p>6.2 Use basic electrical hand tools for simple fitting</p> <ul style="list-style-type: none"> ◆ Use various types of basic electrical hand tools correctly ◆ Use basic electrical hand tools in routine working environments to cut, bend and join iron or plastic electrical conduits ◆ Use basic electrical hand tools under supervision to perform simple tasks of fitting and wiring conduits and trunking ◆ Identify general electrical materials related to fire services, e.g. conduit, trunking, junction box, wire, other conduit accessories, etc. <p>6.3 Professionalism in electrical operation</p> <ul style="list-style-type: none"> ◆ Use electrical hand tools in completing simple tasks of fitting and wiring conduits and trunking according to codes of safety
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to use basic electrical hand tools to perform simple tasks of fitting and wiring conduits and trunking under supervision in routine working environments.</p>
8. Remarks	This unit of competency is applicable to new practitioners of fire service electrical installation works.