

1. Title	Find out faults in faulty high voltage transmission facilities
2. Code	EMELOR404A
3. Range	Applicable to daily operation, repair and maintenance management of electrical work. Master the operation and fault conditions of various types of high voltage transmission installations and equipment, and use various types of appropriate methods to find out faults.
4. Level	4
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the operation and fault conditions of various types of high voltage transmission installations and equipment</p> <ul style="list-style-type: none"> <li>◆ Understand the operation and fault conditions such as high voltage switch control circuit failure, mechanical fault in high voltage switches, cable fault, air leak in SF6 insulated high voltage switch, etc. in various types of high voltage transmission installations and equipment</li> </ul> <p>6.2 Use appropriate methods to find faults in high voltage transmission equipment</p> <ul style="list-style-type: none"> <li>◆ Use various types of appropriate instruments such as multi-meter, insulator, withstand tester, injection test instruments, active detector, gas tester, etc. to find faults in high voltage transmission equipment</li> <li>◆ Use appropriate testing methods such as insulation test, continuity test, withstand test, injection test, etc. to find faults in high voltage transmission equipment</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to master the operation and fault conditions of various types of high voltage transmission installations and equipment; and</p> <p>(ii) Capable to use various types of appropriate instruments or methods to find out faults in high voltage transmission facilities.</p>
8. Remarks	