

1. Title	Draw schematic diagram of high voltage transmissions and improve protection control circuits
2. Code	EMELIT404A
3. Range	Applicable to electrical work. Draw schematic diagrams for the power supply of high voltage transmission power systems in general and improve the protection control circuits.
4. Level	4
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the techniques of drawing high voltage transmission network schematic diagrams</p> <ul style="list-style-type: none"> ◆ Understand the functions and operating principles of high voltage transmission level power network equipment ◆ Understand the symbols and techniques of drawing high voltage transmission level power network equipment <p>6.2 Draw schematic diagrams of high voltage transmission and improve protection control circuits</p> <ul style="list-style-type: none"> ◆ Draw schematic diagrams of power network of high voltage transmission level ◆ Master the functions and operating principles of high voltage transmission level power network protection control circuits, and improve the inadequacies of protection control circuits after testing
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to draw schematic diagrams of high voltage transmission; and (ii) Capable to point out and improve the inadequacies of protection control circuits.
8. Remarks	