1. Title	Draw schematic single-line diagrams for the power supply of simple high voltage distribution or generation systems
2. Code	EMELDE311A
3. Range	Applicable to the works of high voltage distribution or generation systems (not including Power Generation Stations). Know about the basic arrangement of high voltage distribution or generation systems and common electrical graphic symbols, and draw schematic single-line diagrams of simple power supply systems for high voltage distribution or generation.
4. Level	3
5. Credit	4
6. Competency	Performance Requirements 6.1 Understand the basic arrangement of high voltage distribution or generation systems and common electrical graphic symbols ♦ Understand the basic arrangement of high voltage distribution system, such as distribution equipment, distribution equipment, protection system, etc. ♦ Understand the basic arrangement of generation system, such as generation equipment, distribution equipment, earthing arrangements, distribution equipment, protection system, etc. ♦ Understand the names and symbols of various kinds of high voltage distribution or generation equipment such as high voltage main switchboard, cables, transformers, electric motors, protection device, etc. 6.2 Draw single-line planning diagrams of simple power supply systems for high voltage distribution or generation ♦ Master common techniques of drawing power systems, and draw schematic single-line diagrams of simple high voltage distribution or generation systems according to basic requirements for electrical drawings
7. Assessment Criteria	The integrated outcome requirement of this unit of competency is: (i) Capable to draw schematic single-line diagrams of simple power supply systems for high voltage distribution or generation.
8. Remarks	