

1. Title	Conform to relevant regulations and international standards for implementing power supply network projects
2. Code	EMELDE408A
3. Range	Applicable to electrical engineering works. Conform to electricity regulations and international standards related to electrical supply equipment or electrical engineering services for the implementation of power supply network projects and associated facilities.
4. Level	4
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand regulations and international standards related to electrical supply equipment or electrical engineering services</p> <ul style="list-style-type: none"> ◆ Understand regulations and international standards related to electrical supply equipment or electrical engineering services such as: <ul style="list-style-type: none"> • International Electric Community Standards (IEC) • British EU Standards (BSEN) • Chinese National Standard (GB) • Electricity Regulations • Environmental Regulations • Fire Regulations <p>6.2 Apply regulations and international standards related to electrical supply equipment or electrical engineering services to perform engineering works</p> <ul style="list-style-type: none"> ◆ Apply regulations and international standards related to electrical supply equipment or electrical engineering services to effectively perform power supply network projects and associated installations <ul style="list-style-type: none"> • High voltage transmission power network and associated installations including various kinds of switches, transformers, generators, cables, transmission overhead lines, protection and control devices, etc. equipment • Electrical projects including design, installation, inspection, commissioning, testing, operation, repair and maintenance, quality management, operation management, project management, etc. ◆ Approve electrical engineering documents such as: assembly diagrams and design drawings, working diagrams of power supply network, installation specifications, working procedures, etc. submitted by manufacturers, contractors, engineering bodies, etc. according to relevant local regulations and international standards

	<p>6.3 Professionalism in handling protection and control circuits of power supply network and associated installations</p> <p>◆ Follow the regulations and safety guidelines for the industry to ensure that protection and control circuits of power supply network and associated installations are safe and reliable to use</p>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to apply regulations and international standards related to electrical supply equipment or electrical engineering services to perform engineering works.</p>
8. Remarks	