

1. Title	Implement project management for high voltage transmission installation projects
2. Code	EMELPM408A
3. Range	Applicable to the project management of high voltage distribution electric power supply installations. Master the project management of high voltage transmission system and associated installation projects, analyze interlocking relationship of work processes, arrange the work processes, and implement electrical installation project management.
4. Level	4
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the actual situation and constraints of the worksite, work processes of engineering project, working methods, project management techniques</p> <ul style="list-style-type: none"> ◆ Master the key points of work site inspection at different work stages ◆ Master the work status of high voltage transmission installation projects, constraints of the worksite and related problems ◆ Understand the details and procedures of every single work process of the high voltage transmission installation project ◆ Understand the interlocking relationship of different work processes of the project ◆ Understand basic project management techniques <p>6.2 Implement high voltage transmission installation project management</p> <ul style="list-style-type: none"> ◆ Implement high voltage transmission installation project management including: <ul style="list-style-type: none"> • Goals and scope of project • Work breakdown structure (WBS) of project, including the design, installation, inspection, testing, commissioning, sourcing of materials and resources arrangement of all kinds of components • Monitoring schedule of project plan • Income and expenditure estimates of project plan • Material sourcing management mechanism of project plan • Manpower organization chart, authority and responsibilities for different job positions, and communication mechanism of project plan • Work progress and problem reporting mechanism of project plan

	<ul style="list-style-type: none"> ◆ Implement project management techniques to supervise the engineering project of high voltage transmission network facilities and devices and ensure that it meets the design performance requirements, including: <ul style="list-style-type: none"> • Analyzing the key points of work for low voltage electrical facilities and devices • Supervising the work flow the high voltage electrical installation project, including: dismantling, installation, inspection, testing, commissioning, repair and maintenance • Arranging the transport of materials and electrical equipment • Contacting different kinds of engineering personnel to coordinate the engineering activities for a smooth completion of every work process • Inspecting and reporting on the progress and problems of the high voltage electrical installation project
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to analyze the actual situation and constraints of the worksite; (ii) Capable to implement project management of the high voltage transmission installation projects; and (iii) Capable to implement basic project management techniques to supervise the transmission network project to ensure that the power network system meets the design performance requirements.
8. Remarks	