

1. Title	Supervise the installation of railway signal and control systems	
2. Code	EMRAIN408A	
3. Range	Supervise the installation of the railway signal and control systems at railway premises, control rooms and signal switch rooms so as to ensure quality, standard and efficiency of work.	
4. Level	4	
5. Credits	6	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Procedures, operation modes of units and supervisory skills of installing railway signal and control systems</p> <ul style="list-style-type: none"> ◆ Master the installation procedures and processes of railway signal and control systems, relevant quality requirements, and control point selection techniques ◆ Understand the operation modes and culture of units involved in the installation of railway signal and control systems ◆ Possess the knowledge and skills of supervising and supporting the installation of railway signal and control systems <p>6.2 Methods and procedures of supervising the installation of railway signal and control systems</p> <ul style="list-style-type: none"> ◆ Supervise and support the installation of railway signal and control systems to ensure quality, standard and efficiency of work. Supervisory procedures include: <ul style="list-style-type: none"> • Selecting and monitoring quality control points • Analyzing the causes of non-compliance with standard and formulating improvement measures • Maintaining adequate coordination and communication in the installation processes • Ensure smooth supply of materials in the installation processes ◆ Formulate plans for maintaining persistently the quality of installation work and for improving its efficiency, including: <ul style="list-style-type: none"> • Providing adequate training for staff • Establishing effective communication channels • Planning for updating and upgrading of equipment <p>6.3 Professionalism in supervising the installation of railway signal and control systems</p> <ul style="list-style-type: none"> ◆ Supervise the installation of railway signal and control systems according to the standards and requirements for work safety, health, environmental protection and quality management of train engineering work ◆ Understand the safety guidelines as required by the law and codes of practice in installing railway signal and control systems 	

7. Assessment Criteria	The integrated outcome requirement of this unit of competency is: (i) Capable to supervise and support efficiently the installation of the railway signal and control systems to ensure the safety, quality, standard and efficiency of work; to formulate plans for maintaining persistently the quality and safety of installation work and for improving its efficiency.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of railway signal and control system and basic knowledge and skills of supervision.