

1. Title	Formulate policies on the safety, reliability, comfort, environmental protection and efficiency of the entire railway system	
2. Code	EMRAOM701A	
3. Range	Analyze customers' requirements and development trend of railway transportation service; draw up development goals for the railway system; and formulate policies on the safety, reliability, comfort, environmental protection and efficiency of the entire railway system.	
4. Level	7	
5. Credits	9	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Studies and skills to enhance the safety, reliability, comfort, environmental protection and efficiency of the entire railway system</p> <ul style="list-style-type: none"> ◆ Master the expertise, including electrical and mechanical knowledge, in railway works in various disciplines, and apply the expertise to review, analyze, consolidate and evaluate the performance and trend data of the entire railway system, in order to formulate a policy on performance enhancement ◆ Master the skills in analyzing customers' requirements, development trend and culture of railway transportation service ◆ Master the expertise in professional management and human relationship and the skills in coordinating railway operational departments ◆ Master the skills in analyzing, reformatting and evaluating performance data of various railway system equipment, and apply such skills to judge, formulate and review the effectiveness of the enhancement plan <p>6.2 Methods and procedures of formulating a policy on the safety, reliability, comfort, environmental protection and efficiency of the entire railway system</p> <ul style="list-style-type: none"> ◆ Capable to analyze customers' requirements and development trend of railway transportation service and, considering the capability of the organization, draw up the development goals for the entire railway system with relevant departments ◆ Capable to identify and confirm the deviations between the development goals and the existing level of the entire railway system ◆ Capable to review, analyze, consolidate and evaluate the deviations between the development goals and the existing level of the entire railway system as well as the capability of the organization; apply the knowledge of railway works and operation management to formulate a policy for the entire railway system, including: <ul style="list-style-type: none"> • Strategy to upgrade system design • Strategy to upgrade maintenance method 	

	<ul style="list-style-type: none"> • Strategy to improve departmental structure • Cost-effectiveness strategy • Manpower training strategy • Risk management strategy • Communication channels <ul style="list-style-type: none"> ◆ Capable to formulate mechanisms to measure, review and improve the maintenance management policy and plan <p>6.3 Professionalism in formulating performance a policy for the entire railway system</p> <ul style="list-style-type: none"> ◆ Formulate a policy on the safety, reliability, comfort, environmental protection and efficiency of the entire railway system according to the standards and requirements for safety, health, environmental protection and quality management of railway works ◆ Understand the safety guidelines as required by the law and codes of practice when formulating a policy on the safety, reliability, comfort, environmental protection and efficiency of the entire railway system
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to formulate an effective policy on the safety, reliability, comfort, environmental protection and efficiency of the entire railway system; and</p> <p>(ii) Capable to formulate effective mechanisms to measure, review and improve the effectiveness of the entire railway system policy.</p>
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses the expertise in electrical and mechanical works in various disciplines and operation management.</p>