

1. Title	Perform environmental assessments		
2. Code	EMPESH503A		
3. Range	Perform environmental assessments in general industrial plants, power plants or other places.		
4. Level	5		
5. Credits	9		
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p>		
	6.1	Various types of environmental assessment methods	<ul style="list-style-type: none"> ◆ Understand the statutory requirements on environmental assessments ◆ Understand the atmospheric environmental index assessment method ◆ Understand the water environmental index assessment method ◆ Understand the environmental noise assessment method ◆ Understand basic working procedures for ecological environmental assessment ◆ Other types of environmental assessments
	6.2	Plan and analyze environmental quality assessment	<ul style="list-style-type: none"> ◆ Master the parameters of atmospheric environmental assessment model <ul style="list-style-type: none"> • Atmospheric environment quality status assessment • Atmospheric environment quality impact assessment ◆ Master basic steps for water environment quality survey and assessment <ul style="list-style-type: none"> • Water environment quality status assessment • Water environment quality impact assessment ◆ Master the main contents of environmental noise assessment <ul style="list-style-type: none"> • Environmental noise status assessment • Environmental noise impact assessment ◆ Master the main contents of ecological environmental assessment <ul style="list-style-type: none"> • Ecological environment quality status assessment • Ecological environment quality impact assessment
	6.3	Professionalism in handling plant environmental assessments	<ul style="list-style-type: none"> ◆ Use chemical knowledge and assessment expertise to perform plant environmental assessments ◆ Conduct environmental assessments in compliance with relevant statutory requirements

7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to perform environmental impact assessments for plants; (ii) Capable to compile plant environmental assessment reports; (iii) Capable to clearly explain assessment content and details; and (iv) Capable to fully demonstrate the experience in environmental assessments.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of mechanics and environmental protection.