

ENVIRONMENTAL LITERACY

UNIT CODE: EE/CU/ET/BC/06/3

Relationship to Occupational Standards

This unit addresses the unit standard: Demonstrate environmental literacy.

Duration of Unit: 15 Hours

Unit Description

This unit describes the competencies required by a worker to control environmental hazard, control environmental pollution and comply with workplace sustainable resource use.

Summary of Learning Outcomes

1. Control environmental hazard
2. Control environmental Pollution
3. Demonstrate sustainable resource use

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Control environmental hazard	<input type="checkbox"/> Purposes and content of Environmental Management and Coordination Act 1999	<ul style="list-style-type: none">• Written questions• Oral questions

Learning Outcome	Content	Suggested Assessment Methods
	<ul style="list-style-type: none"> • Purposes and content of Solid Waste Act. • Storage methods for environmentally hazardous materials • Disposal methods of hazardous wastes • Types and uses of PPE in line with environmental regulations • Occupational Safety and Health Standards (OSHS) 	<input type="checkbox"/> Observation of work procedures

2. Environmental pollution control	<ul style="list-style-type: none"> • Types of pollution • Environmental pollution control measures • Types of solid wastes • Procedures for solid waste management • Different types of noise pollution 	<ul style="list-style-type: none"> • Written questions • Oral questions • Observation of work procedures • Role play
Learning Outcome	Content	Suggested Assessment Methods
	□ Methods for minimizing noise pollution	

<p>3. Demonstrate sustainable resource use</p>	<ul style="list-style-type: none"> • Types of resources • Techniques in measuring current usage of resources • Calculating current usage of resources • Methods for minimizing wastage • Waste management procedures • Principles of 3Rs (Reduce, Reuse, Recycle) • Methods for economizing or reducing resource consumption 	<ul style="list-style-type: none"> • Written questions • Oral questions • Observation of work procedures • Role play
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Suggested Delivery Methods

- Instructor led facilitation of theory
- Discussion
- Demonstration by trainer
- Practice by trainee
- Observations and comments and corrections by trainers

Recommended Resources

- Standard operating and/or other workplace procedures manuals

- Specific job procedures manuals
- Solid Waste Act
- Environmental Management and Coordination Act 1999
- Machine/equipment manufacturer's specifications and instructions
- Personal Protective Equipment (PPE)

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