CLIMATE CHANGE AND GLOBAL WARMING

UNIT CODE: ENV/CU/MGT/CC/04/6/A

Relationship to Occupational Standards

This unit addresses the unit of competency: Manage climate change and global warming

Duration of Unit: 60 hours

Unit Description

This unit describes the competencies required to manage climate change and global warming. It involves managing effects of climate change and global warming, applying responses, mitigation and adaptation strategies and applying international policies and interventions to climate change.

Summary of Learning Outcomes

1. Manage effects of climate change and global warming
2. Apply responses, mitigation and adaptation strategies to climate change.
3. Apply international policies and interventions

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Manage effects of climate change and global warming	• Meaning of climate change and global warming • Causes of global warming • Effects of global warming and climate change • Greenhouse effect • Greenhouse gases • Alternative sources of energy • Indicators of global warming • Climate change modelling	• Observation • Oral questioning • Written tests • Projects • Practical assignments
2. Apply responses, mitigation and adaptation	• Meaning of adaptation and mitigation • Adaptation and mitigation measures to climate change • Resource efficiency mechanisms for	• Observation • Oral questioning • Written tests • Projects

strategies to climate change.	resolving climate change issues • Sustainable development • Climate change Act 2016 • Causes, impact and adaptation of climate change	• Practical assignments
3. Apply international policies and interventions	• Carbon trading • Conference of parties (COP) • Local and International policies on climate change • Functions of the national climate change council • Policies of UNFCC (United nations Framework on climate change) • Relationship between climate and development • Community sensitization and coping strategies	• Observation • Oral questioning • Written tests • Projects • Practical assignments

Suggested Methods of Instruction
- Lectures
- Group discussions
- Demonstration by trainer
- Exercises by trainee
- Trips

Recommended Resources
- Data
- Computer
- Stationery
- Projectors
- Internet