

## OCCUPATIONAL SAFETY AND HEALTH PRACTICES

**UNIT CODE:** MATH/CU/AS/BC/07/6/A

### Relationship to Occupational Standards

This unit addresses the Unit of Competency: Demonstrate Occupational Safety and Health Practices

**Duration of Unit:** 40 hours

### Unit Description

This unit specifies the competencies required to demonstrate occupational health and safety practices. It involves identifying workplace hazards and risk, identifying and implementing appropriate control measures to hazards and risks and implementing OSH programs, procedures and policies/guidelines.

### Summary of Learning Outcomes

1. Identify workplace hazards and risk
2. Control OSH hazards
3. Implement OSH programs

### Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Identify workplace hazards and risks	<ul style="list-style-type: none"><li>• Identification of hazards in the workplace and/or the indicators of their presence</li><li>• Evaluation and/or work environment measurements of OSH hazards/risk existing in the workplace</li><li>• Gathering of OSH issues and/or concerns</li></ul>	<ul style="list-style-type: none"><li>• Oral questions</li><li>• Written tests</li><li>• Portfolio of evidence</li><li>• Third party report</li></ul>
2. Control OSH hazards	<ul style="list-style-type: none"><li>• Prevention and control measures e.g. use of PPE</li><li>• Risk assessment</li><li>• Contingency measures</li></ul>	<ul style="list-style-type: none"><li>• Oral questions</li><li>• Written tests</li><li>• Portfolio of evidence</li><li>• Third party report</li></ul>
3. Implement OSH programs	<ul style="list-style-type: none"><li>• Company OSH program, evaluation and review</li><li>• Implementation of OSH programs</li></ul>	<ul style="list-style-type: none"><li>• Oral questions</li><li>• Written tests</li></ul>

	<ul style="list-style-type: none"> <li>• Training of team members and advice on OSH standards and procedures</li> <li>• Implementation of procedures for maintaining OSH-related records</li> </ul>	<ul style="list-style-type: none"> <li>• Portfolio of evidence</li> <li>• Third party report</li> </ul>
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### **Suggested Methods of Instruction**

- Assignments
- Discussion
- Q&A
- Role play
- Viewing of related videos

### **Recommended Resources**

- Standard operating and/or other workplace procedures manuals
- Specific job procedures manuals
- Machine/equipment manufacturer's specifications and instructions
- Personal Protective Equipment (PPE) e.g.
  - Mask
  - Face mask/shield
  - Safety boots
  - Safety harness
  - Arm/Hand guard, gloves
  - Eye protection (goggles, shield)
  - Hearing protection (ear muffs, ear plugs)
  - Hair Net/cap/bonnet
  - Hard hat
  - Face protection (mask, shield)
  - Apron/Gown/coverall/jump suit
  - Anti-static suits
  - High-visibility reflective vest