

<b>Unit Ref</b>	<b>SUM04</b>
<b>Title:</b>	<b>Carry Out Mine Safety First Aid and Emergency Organisation</b>
<b>Level:</b>	<b>4</b>
<b>Credit value:</b>	<b>3</b>
<b>Guided Learning Hours</b>	<b>16</b>
<b>Learning outcomes</b> <i>The learner will:</i>	<b>Assessment criteria</b> <i>The learner can:</i>
1. Be able to carry out mine safety first aid and emergency organisation.	<p>1.1 Demonstrate how to check facilities provided to assist in emergency situations</p> <p>1.2 Demonstrate how the work area is maintained in a clean, tidy and safe state</p> <p>1.3 Demonstrate how personnel are made aware of access and egress in emergencies</p> <p>1.4 Demonstrate how accurate reports and records are maintained, including personnel roll and locations</p> <p>1.5 Demonstrate how inspections and tests are carried out in accordance with organisational requirements</p> <p>1.6 Demonstrate how emergency situations are handled in their area/district, to include:-</p> <ul style="list-style-type: none"> <li>• Recognising an emergency situation</li> <li>• Responding to an emergency situation</li> <li>• Giving clear instructions to personnel</li> <li>• Contacting external organisations</li> <li>• Isolation of plant and machinery</li> <li>• Setting up communication points</li> <li>• Carrying out environmental checks</li> <li>• Accurate reporting and recording</li> </ul> <p>1.7 Demonstrate how casualties are dealt with in emergency situations, to include:-</p> <ul style="list-style-type: none"> <li>• Making the area safe before approach</li> <li>• Administration of prompt first aid</li> <li>• Safe loading and transportation of casualties</li> <li>• Completion of records</li> <li>• How supplies are checked and replenished</li> </ul> <p>1.8 Demonstrate how personnel are gathered in a group for exit</p> <p>1.9 Demonstrate how personnel are checked against a roll</p> <p>1.10 Demonstrate how a search for missing personnel is organised</p> <p>1.11 Demonstrate the setting up of an exclusion zone, to include:-</p> <ul style="list-style-type: none"> <li>• Recognising when an exclusion zone is needed</li> <li>• Establish an exclusion zone</li> <li>• Notify relevant personnel of zone set up</li> <li>• Complete required documentation to organisational requirements</li> </ul>
2. Understand how to carry out mine safety first aid and emergency organisation.	<p>2.1 Summarise the roles and responsibilities applicable to the type/class of mine, to include:-</p> <ul style="list-style-type: none"> <li>• Accidents</li> <li>• Injuries</li> <li>• Dangerous occurrences</li> <li>• Emergencies</li> </ul> <p>2.2 Explain the procedures and practices involved in dealing with emergencies in mines, to include:-</p> <ul style="list-style-type: none"> <li>• Types of emergencies that can arise</li> <li>• How emergencies can arise</li> <li>• Organisational procedures covering emergency procedures likely to arise at the mine including who to contact</li> <li>• The purpose and use of emergency equipment</li> <li>• Procedures for extinguishing fires</li> </ul>

	<ul style="list-style-type: none"> <li>• Procedures for evacuation</li> <li>• Procedures for maintaining and restoring environmental conditions</li> <li>• Procedure for setting up and the purpose of safe havens</li> <li>• Situations requiring exclusion zones</li> <li>• Preservation of evidence</li> <li>• Recording witnesses</li> <li>• Access and egress routes</li> <li>• Methods of communication</li> <li>• Transport of casualties</li> <li>• Potential injuries</li> </ul> <p>2.3 Explain how to use Respiratory Protective Equipment in an emergency</p> <p>2.4 Explain how to gather evidence and record details</p> <p>2.5 Summarise the principles of the health, safety and environmental legislation relevant to the mining environment, to include:-</p> <ul style="list-style-type: none"> <li>• Legislation and organisational procedures</li> <li>• Types and categories of hazards in the area of their responsibility</li> <li>• Requirements for inspection, examination and testing</li> </ul> <p>2.6 Explain the equipment and tools used in emergency situations, to include:-</p> <ul style="list-style-type: none"> <li>• Types</li> <li>• Inspection and maintenance requirements</li> <li>• Legislation and organisational procedures for use</li> <li>• Advantages and limitations</li> <li>• Procedures for isolation</li> </ul> <p>2.7 Evaluate their responsibilities and duties during emergency situations, to include:-</p> <ul style="list-style-type: none"> <li>• Own responsibilities and limitations</li> <li>• Methods of communication used</li> <li>• How tasks and duties are allocated</li> <li>• Benefits of team work</li> </ul>
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<b>Additional information about the unit</b>	
<b>Unit purpose and aim</b>	The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence of carrying out mine safety first aid and emergency organisation within the relevant sector of industry.
<b>Unit expiry date</b>	?
<b>Details of relationship between the unit and relevant NOS or other professional standards</b>	This unit covers NOS unit SUM04 - Carry Out Mine Safety First Aid and Emergency Organisation in full.
<b>Assessment requirements or guidance specified by sector or regulatory body</b>	Must be assessed in accordance with the MP Futures SSO Assessment Strategy and Awarding Organisation qualification implementation guidance
<b>Support for the unit from SSC or other body(If required)</b>	Industry Support
<b>Location of the unit within the subject/sector classification system</b>	4.2
<b>Name of the organisation submitting the unit</b>	Mineral Products Qualifications Council
<b>Availability for use</b>	Restricted
<b>Unit available from</b>	?