



**REPUBLIC OF KENYA**

**COMPETENCY BASED MODULAR CURRICULUM FOR  
AIRPORT OPERATIONS KNQF LEVEL 6**

**(CYCLE 3)**

**PROGRAMME ISCED CODE: 1015 554 A**



**TVET CDACC  
P.O. BOX 15745-00100 NAIROBI**

## EMERGENCY INCIDENTS MANAGEMENT

ISCED UNIT CODE: 101555109A

TVET CDACC UNIT CODE: LOG/CU/AO/CC/03/6/MA

### Relationship to Occupational Standards

This unit addresses the Unit of Competency: **Manage Emergency Incidents**

**Duration of Unit:** 140 Hours

### Unit Description

This unit specifies the competencies required to manage emergency incidents. It involves analysing emergency information, carrying out emergency response, coordinating emergency responses, assessing emergency response/actions and undertaking post-emergency evaluation.

### Summary of Learning Outcomes

By the end of this unit, the learner should be able to:

S/No	Learning Outcomes	Duration (Hours)
1.	Analyse emergency information	30
2.	Carry out emergency response	20
3.	Coordinate emergency responses	20
4	Assess emergency response/actions	30
5	Undertake post-emergency evaluation	40
	<b>Total</b>	<b>140</b>

### Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Analyse Emergency Information	1.1 Introduction to emergency incidents 1.2 Phases of emergencies 1.3 Collection of emergency	<ul style="list-style-type: none"><li>• Written tests</li><li>• Observation</li><li>• Oral questions</li><li>• Third party report</li></ul>

	<p>information</p> <p>1.4 Emergency information analysis</p> <p>1.5 Communication and dissemination procedures</p> <p>1.6 Responsibility and resource allocation</p>	<ul style="list-style-type: none"> <li>• Interviewing</li> <li>• Project and report writing</li> </ul>
2. Carry Out Emergency Response	<p>2.1 Emergency response action plan</p> <p>2.2 External agencies support</p> <p>2.3 Damage control measures</p>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questions</li> <li>• Third party report</li> <li>• Interviewing</li> <li>• Project and report writing</li> </ul>
3. Coordinate Emergency Responses	<p>3.1 Emergency response communication</p> <p>3.2 Emergency response resource mobilization</p> <p>3.3 Emergency coordination centres</p> <p>3.4 Emergency response strategies</p>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questions</li> <li>• Third party report</li> <li>• Interviewing</li> <li>• Project and report writing</li> </ul>
4. Assess Emergency Response/Actions	<p>4.1 Risk assessment.</p> <p>4.2 Mitigation strategies</p> <p>4.3 Quality assurance.</p> <p>4.4 Resumption of normal operation.</p> <p>4.5 Continuous monitoring.</p>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questions</li> <li>• Third party report</li> <li>• Interviewing</li> <li>• Project and report writing</li> </ul>
5. Undertake Post-Emergency Evaluation	<p>5.1 Introduction to post emergency evaluation.</p> <p>5.2 Emergency evaluation.</p> <p>5.3 Post emergency procedure.</p> <p>5.4 Modification and adjustment of policies.</p> <p>5.5 Emergency planning training and review policies.</p> <p>5.6 Emergency recovery plan.</p>	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questions</li> <li>• Third party report</li> <li>• Interviewing</li> <li>• Project and report writing</li> <li>• Written tests</li> <li>• Observation</li> <li>• Oral questions</li> <li>• Third party report</li> </ul>

		<ul style="list-style-type: none"><li>• Interviewing</li><li>• Project and report writing</li></ul>
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### **Suggested Methods of Delivery**

- Project
- Demonstration by trainer
- Practice by the trainee
- Discussions
- Direct instruction
- Case study
- Audio –visual aids

### **Recommended Resources**

- Refuelers
- Tugs and tractors
- Ground power units
- Buses
- Container loader
- Transporters
- Air Start Unit (ASU)
- Potable water trucks
- Lavatory service vehicles
- Catering vehicle
- Belt loaders
- Passenger boarding steps/stairs
- Pushback tugs and tractors
- De/anti-icing vehicles