




Occupational Qualification Document				
Occupational Code	Qualification Title	NQF Level		
226302	Occupational Certificate: Road Safety Co-ordinator	5		
	Name	Email	Phone	Logo
Development Quality Partner	Transport Education and Training Authority (TETA)	Sandy Ndlovu <Sandy@teta.org.za>	(011) 577 7000	
Assessment Quality Partner	Transport Education and Training Authority (TETA)	Sandy Ndlovu <Sandy@teta.org.za>	(011) 577 7000	

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**DQP Representative Signature**

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**Date**

## QUALIFICATION DETAILS

Qualification Title: Occupational Certificate: Road Safety Co-ordinator

Occupational Code: 226302

Quality Assuring Body: Quality Council for Trades and Occupations (QCTO)

Sub Framework: Occupational Qualifications Sub-Framework

Field: Field 11 - Services

Subfield: Transport, Operations and Logistics

NQF Level: 5

Credits: 108

Originator/Development Quality Partner (DQP): Transport Education and Training Authority (TETA)

Originating Provider/Assessment Quality Partner (AQP): Transport Education and Training Authority (TETA)

Qualification Type: Occupational Certificate

Registered qualifications and or learning programmes to be replaced:

- SAQA ID 49398, National Certificate: Incident Management, NQF Level 5, Credit 145

## **RATIONALE**

This qualification will contribute to increasing levels of efficiency and effectiveness and will develop a common integrated and co-ordinated approach to transport or other related incident management. It provides learners with a formal qualification that allows for recognition, further mobility and transportability. A person acquiring this qualification will be able to have an understanding of transport or other related incidents, transport or other related incident management, protocols and planning. The learner will be able to obtain the necessary applied competence to improve service delivery, accept responsibility and accountability for actions taken, acknowledge and recognise special expertise, improve ways to manage transport or other related incidents, make informed decisions and action plans, and use technology optimally.

The qualification aims at developing a competent and professional work force to manage a transport or other related incident. The learner is sensitised to the specific culture, opportunities and demands of the transport or other related incident management. The skills, knowledge, values and understanding demonstrated within this qualification are essential for a positive impact on social and economic transformation and upliftment within the democratic South African society.

This qualification provides learners with access to employment opportunities within the broader community in order to effectively and efficiently through an integrated approach, manage transport or other related incidents and to develop and implement contingency plans. Transport or other related incidents are declared where two or more agencies are involved. It reflects the need of the community, Government and employers to enable the learner to obtain the essential skills needed to facilitate a pathway for further learning and to receive recognition for existing skills and knowledge. This qualification aims to promote professionalism, work ethics and good governance. It will allow clarification of the specific roles of each discipline on a transport or other related incident.

## **PURPOSE**

The purpose of this qualification is to prepare a learner to operate as a Road Safety Co-ordinator

A Road Safety Co-ordinator implements an integrated and coordinated approach to the management of transport or other related road incidents by assessing and analyzing an incident and coordinating and managing an incident management team

A qualified learner will be able to:

- Access and analyse a road incident in the context of the district, provincial, national and international context;

- Establish a joint incident management team

## **RULES OF COMBINATION**

This qualification is made up of the following compulsory Knowledge, Practical Skills and Work Experience Modules:

### **Knowledge Modules**

Total number of credits for Knowledge Modules: 37

### **Practical Skill Modules**

Total number of credits for Practical Skill Modules: 45

### **Work Experience Modules**

Total number of credits for Work Experience Modules: 26

## **ENTRY REQUIREMENTS**

- NQF Level 4

## **EXIT LEVEL OUTCOMES AND ASSOCIATED ASSESSMENT CRITERIA**

### **Exit Level Outcome 1**

Assess and analyses an incident in the context of the district, provincial, national and international environment

#### ***Associated Assessment Criteria***

- All information relating to the actual incident, environmental conditions, road conditions, location and possible hazards are accurately captured on the legally required incident form. The information contains a detailed description of the location and all information is factually verified;
- All incidents are correctly classified in terms of their nature and all the services required for the specific type and class of incident is accurately identified;
- The total incident scene is analysed and graphically represented making provision for the allocation of all the required zones of activity including all required services and in line with Occupational Health and safety standards and the nationally and internationally accepted guidelines relating to the efficiency of incident management.

- The equipment and people operational at the incident scene are analysed and pro-active actions are taken to ensure the optimum availability and utilisation of these resources and where they are needed.

## **Exit Level Outcome 2**

Establish a joint incident management team

### **Associated Assessment Criteria**

- The request and arrival times of the required services is accurately recorded, and actions are initiated to ensure that all services respond timeously;
- All command and control lines are adequately established, and all services are covered by an accountable person on the management team. The roles and responsibilities of each management team member is described.
- The roles and responsibilities of the incident safety officer for various incidents are described according to the RIMS policy framework and procedure manual. The most appropriate safety officer for a specific scene is correctly identified.
- All incident coordination actions are in line with the agreed management plan and appropriate recommendations and alternatives are suggested to deal with changes in conditions and eventualities.

## **INTERNATIONAL COMPARABILITY**

South Africa has a world class and highly sophisticated transport system. It is imperative to keep transportation means open to ensure continuous economic development e.g. Incidents could have a negative impact on the transport of necessary goods. It is therefore important to develop a qualification that will underpin the objectives of the NQF, especially with regards to economic and social development, as well as to compare this qualification with international qualifications. In selecting countries for international comparison it is important to consider countries where the economic context in which the qualification is to be used is similar to the South African context. Ideally, the South African incident management qualification should be compared to qualifications from a country with a developed economy and a second developing country with an emerging economy in order to include contexts that have similarities to the South African situation. Canada and Malaysia have been chosen. The following were used in the comparison:.

- Transport Research Board
- International codes on transportation of hazardous material and goods
- Ministry of Transportation: Ontario

Various reports on Freeway Traffic Management are available, but no "qualification" could be identified. The reports deal with issues of improved safety, optimisation of real capacity of highways and better service delivery to motorists. It also deals with Highway maintenance procedures dealing with hazardous material incidents.

The following countries were also checked for comparable qualifications:

- Malaysian Accrediting Body: Lenbaga Akreditasi Negara
- Mexican Accrediting Body: COPAES
- India: National Assessment and Accreditation Council
- Nigeria

## **Conclusion**

This qualification could not be compared as there was no relevant information available on the accreditation of learning programmes against national unit standards and/or qualifications. No international comparison could therefore be found. From consultation with the various stakeholders involved in the review of this qualification, it was found that no such qualification exists in any of the Southern African Developing Countries and that they are looking towards South Africa to take the lead.

## **INTEGRATED ASSESSMENT**

### **Integrated formative assessment:**

The skills development provider will use the curriculum to guide them on the stipulated internal assessment criteria and weighting. They will also apply the scope of practical skills and applied knowledge as stipulated by the internal assessment criteria. This formative assessment leads to entrance into the integrated external summative assessment.

### **Integrated summative assessment:**

An external integrated summative assessment, conducted through the relevant QCTO Assessment Quality Partner is required for the issuing of this qualification. The external integrated summative assessment will focus on the exit level outcomes and associated assessment criteria.

## **RECOGNITION OF PRIOR LEARNING (RPL)**

### **RPL for access to the external integrated summative assessment**

Accredited providers and approved workplaces must apply the internal assessment criteria specified in the related curriculum document to establish and confirm prior learning. Accredited

providers and workplaces must confirm prior learning by issuing a statement of result or certifying a work experience record.

### **RPL for access to the qualification**

Accredited providers and approved workplaces may recognise prior learning against the relevant access requirements.

## **ARTICULATION**

### **Horizontal**

This qualification articulates horizontally with the following qualification:

- National Certificate: Road Safety Development; NQF Level 5.

### **Vertical**

This qualification articulates vertically with the following qualifications:

- National Diploma: Traffic Safety Management; NQF Level 6.

## **NOTES**

### **Qualifying for external assessment**

In order to qualify for an external assessment, learners must provide proof of completion of all required modules by means of a statement of results and work experience.

### **Additional legal or physical entry requirements**

None

### **Criteria for the accreditation of providers**

Accreditation of providers will be done against the criteria as reflected in the relevant curriculum on the QCTO website.

The curriculum title and code is: Toolmaker: 652201-000-01-00

### **This qualification encompasses the following trades as recorded on the NLRD:**

- This is not a trade

## Assessment Quality Partner

Name of body: Transport Education and Training Authority (TETA)

Address of body: TETA House 344 Pretoria Avenue| Randburg | Gauteng

### MODULES

COMPONENT	ID	MODULE TITLE	NQF LEVEL	CREDITS
Knowledge	226302-002-00-00-KM-01	Introduction to Road Incident Management;	5	3
Knowledge	226302-002-00-00-KM-02	Principles and Concepts of Road Incident Management;	5	2
Knowledge	226302-002-00-00-KM-03	Road Incident Management Communication and Communication Technology;	5	5
Knowledge	226302-002-00-00-KM-04	Fundamental Principles of Dealing with Dangerous Goods;	3	9
Knowledge	226302-002-00-00-KM-05	Concepts and Principles of Chain of Events;	5	9
Knowledge	226302-002-00-00-KM-06	Principles of Data Collection;	5	2
Knowledge	226302-002-00-00-KM-07	Road Incident Management Systems Programme Management;	5	5
Knowledge	226302-002-00-00-KM-08	Road Safety Audits;	5	2
Practical Skill	226302-002-00-00-PM-01	Assess and analyse an incident;	5	3
Practical Skill	226302-002-00-00-PM-02	Develop an incident management plan;	5	5
Practical Skill	226302-002-00-00-PM-03	Establish and co-ordinate joint management team processes;	5	3
Practical Skill	226302-002-00-00-PM-04	Conduct a Post Incident Assessment (PIA);	5	2
Practical Skill	226302-002-00-00-PM-05	Establish incident management;	5	5
Practical Skill	226302-002-00-00-PM-06	Identify and deal with dangerous goods;	3	10






Practical Skill	226302-002-00-00-PM-07	Implement an Incident Management Plan;	5	5
Practical Skill	226302-002-00-00-PM-08	Isolate and secure a scene;	5	3
Practical Skill	226302-002-00-00-PM-09	Preserve evidence on a scene;	5	3
Practical Skill	226302-002-00-00-PM-10	Provide support structure;	5	2
Practical Skill	226302-002-00-00-PM-11	Set up sectors;	5	2
Practical Skill	226302-002-00-00-PM-12	Assess and use data and engage stakeholders for resource deployment;	5	2
Work Experience	226302-002-00-00-WM-01	Incident assessment and analysis procedures and processes in specific environment;	5	10
Work Experience	226302-002-00-00-WM-02	Processes and procedures for coordinating and managing incidents;	5	10
Work Experience	226302-002-00-00-WM-03	Processes and procedures for identifying and dealing with dangerous goods.	3	6

### Derived Qualifications Registered as Part Qualifications

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	226302-002-00-01	Occupational Certificate: Dangerous Goods Handler	3	25

## PART QUALIFICATION 1

Occupational Qualification Document				
Occupational Code	Qualification Title	NQF Level		
226302-002-00-01	Occupational Certificate: Dangerous Goods Handler	3		
	Name	Email	Phone	Logo
Development Quality Partner	<b>Transport Education and Training Authority (TETA)</b>	<b>Sandy Ndlovu</b> <Sandy@teta.org.za>	<b>(011) 577 7000</b>	
Assessment Quality Partner	<b>Transport Education and Training Authority (TETA)</b>	<b>Sandy Ndlovu</b> <Sandy@teta.org.za>	<b>(011) 577 7000</b>	

## QUALIFICATION DETAILS

Qualification Title: Occupational Certificate: **Dangerous Goods Handler**

Occupational Code: **226302-002-00-01**

Quality Assuring Body: Quality Council for Trades and Occupations (QCTO)

Sub Framework: Occupational Qualifications Sub-Framework

Field: Field 11 - Services

Subfield: Transport, Operations and Logistics

NQF Level: 3

Credits: 25

Originator/Development Quality Partner (DQP): Transport Education and Training Authority (TETA)

Originating Provider/Assessment Quality Partner (AQP): Transport Education and Training Authority (TETA)

Qualification Type: Occupational Certificate

Registered qualifications and or learning programmes to be replaced:

- None

## **RATIONALE**

This qualification will contribute to increasing levels of efficiency and effectiveness and will develop a common integrated and co-ordinated approach to transport or other related incident management. It provides learners with a formal qualification that allows for recognition, further mobility and transportability. A person acquiring this qualification will be able to have an understanding of transport or other related incidents, transport or other related incident management, protocols and planning. The learner will be able to obtain the necessary applied competence to improve service delivery, accept responsibility and accountability for actions taken, acknowledge and recognise special expertise, improve ways to manage transport or other related incidents, make informed decisions and action plans, and use technology optimally.

The qualification aims at developing a competent and professional work force to handle dangerous goods. In this occupation there is a skill set that is recognised by industry as an employable skill. This employable skill relates to:

- Dangerous goods handling

This qualification provides learners with access to employment opportunities within the broader community in order to effectively and efficiently through an integrated approach, manage transport or other related incidents and to develop and implement contingency plans. Transport or other related incidents are declared where two or more agencies are involved. It reflects the need of the community, Government and employers to enable the learner to obtain the essential skills needed to facilitate a pathway for further learning and to receive recognition for existing skills and knowledge. This qualification aims to promote professionalism, work ethics and good governance. It will allow clarification of the specific roles of each discipline on a transport or other related incident.

## **PURPOSE**

The purpose of this qualification is to prepare a learner to operate as a Dangerous Goods Handler

A Dangerous Goods Handler identifies and deals with dangerous goods by implementing dangerous goods legislation, protocols and conventions in taking protective action

A qualified learner will be able to:

- Identify and deal with dangerous goods.

## **RULES OF COMBINATION**

This qualification is made up of the following compulsory Knowledge, Practical Skills and Work Experience Modules:

### **Knowledge Modules**

Total number of credits for Knowledge Modules: 9

### **Practical Skill Modules**

Total number of credits for Practical Skill Modules: 10

### **Work Experience Modules**

Total number of credits for Work Experience Modules: 6

## **ENTRY REQUIREMENTS**

- NQF Level 1

## **EXIT LEVEL OUTCOMES AND ASSOCIATED ASSESSMENT CRITERIA**

### **Exit Level Outcome**

Deal with dangerous goods in a transport environment.

### **Associated Assessment Criteria**

- Dangerous goods legislation is applied in the packaging, handling, transportation and storage of dangerous goods according to applicable legislations (National and International) and organisational policies and procedures
- Protective action relating to dangerous goods is applied, such as degree of health hazards, amount involved, containment, control, release, rate of vapour movement organisational policies and procedures
- Hazards are identified and communicated to specialists according to applicable legislations and organisational policies and procedures

## **INTERNATIONAL COMPARABILITY**

The Occupational Certificate: Road Safety Co-ordinator including the specialised skill of dangerous goods handling, influenced the selection of countries for comparison. In selecting countries for international comparison it is important to consider countries where the economic context in which

the qualification is to be used is similar to the South African context. Canada and Malaysia have been chosen. The following were used in the comparison:

- Transport Research Board
- International codes on transportation of hazardous material and goods
- Ministry of Transportation: Ontario

Various reports on Freeway Traffic Management are available, but no "qualification" could be identified. The reports deal with issues of improved safety, optimisation of real capacity of highways and better service delivery to motorists. It also deals with Highway maintenance procedures dealing with hazardous material incidents.

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## **INTEGRATED ASSESSMENT**

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### **RPL for access to the qualification**

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## **ARTICULATION**

### **Horizontal**

This qualification articulates horizontally with the following qualification:

- National Certificate: Aviation Support Operations, NQF Level 3, Credits 121

### **Vertical**

This qualification articulates vertically with the following qualifications:

- Further Education and Training Certificate: Dangerous Goods: Multi-modal Transportation  
NQF Level 4, Credits 128

## **NOTES**

### **Qualifying for external assessment**

In order to qualify for an external assessment, learners must provide proof of completion of all required modules by means of a statement of results and work experience.

### **Additional legal or physical entry requirements**

None

### **Criteria for the accreditation of providers**

Accreditation of providers will be done against the criteria as reflected in the relevant curriculum on the QCTO website.

The curriculum title and code is: Toolmaker: 226302-002-00-01

**This qualification encompasses the following trades as recorded on the NLRD:**

- This is not a trade

**Assessment Quality Partner**

Name of body: Transport Education and Training Authority (TETA)

Address of body: TETA House 344 Pretoria Avenue| Randburg | Gauteng

**MODULES**

COMPONENT	ID	MODULE TITLE	NQF LEVEL	CREDITS
Knowledge	226302-002-00-00-KM-04	Fundamental Principles of Dealing with Dangerous Goods;	3	9
Practical Skill	226302-002-00-00-PM-06	Identify and deal with dangerous goods;	3	10
Work Experience	226302-002-00-00-WM-03	Processes and procedures for identifying and dealing with dangerous goods.	3	6

**PARENT QUALIFICATION**

SAQA ID	Curriculum Code	Title	NQF Level	Credits
	<b>226302-002-00-00</b>	Road Incident Co-ordinator	5	108