

OCCUPATIONAL SKILLS PROGRAMME CURRICULUM DOCUMENT

IN LINE WITH THE QQSF POLICY (2021) OCCUPATIONAL QUALIFICATION TYPE (NOMENCLATURE)

QUALIFICATION/PART-QUALIFICATION/SKILLS PROGRAMME	SKILLS PROGRAMME ID	TITLE (DESCRIPTOR)	NQF LEVEL	CREDITS
Skills Programme	SP-250306	Road Transport Dangerous Goods Driver	3	4
CURRICULUM CODE	900282-001-00-00			
PARTNER DETAILS	ORGANISATION NAME	WEBSITE ADDRESS	TELEPHONE NUMBER	LOGO
QUALITY PARTNER - DEVELOPMENT	Transport Education Training Authority (TETA)	www.teta.org.za/	(011) 577 7017	 Transport Education Training Authority <i>Driven by Vision</i>

Contents

SECTION 1: CURRICULUM SUMMARY	3
1.1 Occupational Information:	3
1.2 Curriculum Information:	3
1.3 Curriculum Structure:	3
1.4 Entry Requirements:	4
1.5 Recognition of Prior Learning (RPL):.....	4
1.6 Quality Partner for Assessment:.....	4
1.7 List of Qualification(s)/Part- Qualification(s)/Skills Programme(s) Related to this Curriculum	5
SECTION 2: OCCUPATIONAL/SPECIALISATION/PART-QUALIFICATION/SKILLS PROGRAMME PROFILE	5
2.1 Purpose:	5
2.2 Tasks:	5
2.3 Occupational Task Details:.....	5
SECTION 3: CURRICULUM COMPONENT SPECIFICATIONS	5
3 Knowledge Module Specifications:.....	5
3.1 Knowledge Module (KM) – 01: 900282-001-00-00-KM-01, Dangerous Goods Theory, NQF Level 3, Credits 2	6
4 Practical Skill Module (PM) Specifications:.....	14
4.1 Practical Module (PM) - 01: 900282-001-00-00-PM-01, Handle, load, and offload dangerous goods, NQF Level 3, Credits 2	14
5 POSSIBLE SEQUENCING AND INTEGRATION	25

SECTION 1: CURRICULUM SUMMARY

1.1 Occupational Information:

1.1.1 Associated, Organising Framework for Occupations (OFO) Occupational Code and Title

733204: Tanker Driver

1.1.2 Occupation/Specialisation/Part-Qualification/Skills Programme Type, Title, NQF Level, Credits and Curriculum Code, addressed by this Curriculum.

TYPE	TITLE	NQF LEVEL	CREDITS	CURRICULUM CODE
Skills Programme	Road Transport Dangerous Goods Driver	3	4	900282-001-00-00

1.1.3 Alternative titles used by industry:

N/A

1.2 Curriculum Information:

1.2.1 Articulation for Qualifications and Part- Qualifications

N/A

1.2.2 Articulation for Skills programmes

(a) Work Opportunities:

Employment as a dangerous Goods driver in various different industries in the Dangerous Goods sector e.g., chemicals, agriculture, mining, manufacturing, rail, maritime, air, freight, road etc.

(b) Learning Opportunities:

Road transport supervisor, controllers, supervisor, scheduler environment, freight forwarding, consignment environment etc.

1.3 Curriculum Structure:

1.3.1 Knowledge/Theory Modules:

900282-001-00-KM-01 Dangerous Goods Theory, NQF Level 3, Credits 2

Total number of credits: 2

1.3.2 Practical Skills Modules:

900282-000-00-PM-04,, Handle, load, and offload dangerous goods, NQF Level 3, Credits 2.

Total number of credits: 2

Curr Doc Road Transport Dangerous Goods Driver 3 4

1.3.3 Work Experience Modules:

N/A

1.4 Entry Requirements:

Skills Programme: Proficient Road Transport Dangerous Goods Driver, NQF level 3

1.5 Recognition of Prior Learning (RPL):

1.5.1 RPL for Access:

NB: QCTO Standard Statement Provided

Learners may use the RPL process to gain access to training opportunities for a programme of learning, qualification, part-qualification or skills programme if they do not meet the formal, minimum entry requirements for admission. RPL assessment provides an alternative access route into a programme of learning, qualification, part-qualification, or skills programme.

Such an RPL assessment may be developed, moderated and conducted by the accredited Skills Development Provider which offers that specific qualification/part qualification/skills programme. Such an assessment must ensure that the learner is able to display the equivalent level of competencies required for access, based on the NQF level descriptors.

1.5.2 RPL for Exemption:

NB: QCTO Standard Statement Provided

For exemption from modules through RPL, learners who have gained the stipulated competencies of the modules of a programme of learning, qualification, part-qualification or skills programme through any means of formal, informal or non-formal learning and/or work experience, may be awarded credits towards relevant modules, and gaps identified for training, which is then concluded.

1.5.3 RPL for awarding credits:

NB: QCTO Standard Statement Provided

Learners who have gained the stipulated competencies of the modules of a programme of learning, qualification, part-qualification or skills programme through any means of formal, informal or non-formal learning and/or work experience, may be awarded credits towards relevant modules, and gaps identified for training, which is then concluded.

For a Skills Programme, the accredited Skills Development Provider (SDP) must ensure all modular competency requirements are met prior to the FISA and keep record of such evidence.

Upon successful completion of the EISA/FISA, RPL learners will be issued with the QCTO certificate for the qualification, part-qualification or skills programme. Quality Partners are responsible for ensuring the RPL mechanism and process for qualifications and part-qualification is approved by the QCTO.

1.6 Quality Partner for Assessment:

Curr Doc Road Transport Dangerous Goods Driver 3 4

NAME OF BODY:	N/A
ADDRESS OF BODY:	
WEBSITE:	
TELEPHONE NUMBER:	

1.7 List of Qualification(s)/Part- Qualification(s)/Skills Programme(s) Related to this Curriculum

Skills Programme: Proficient Road Transport Dangerous Goods Driver, NQF Level 3, 8 Credits

SECTION 2: OCCUPATIONAL/SPECIALISATION/PART-QUALIFICATION/SKILLS PROGRAMME PROFILE

2.1 Purpose:

Road Transport Dangerous Goods Drivers apply the latest safety protocols, handling techniques, and emergency response strategies specific to transporting dangerous goods by maintaining the highest safety standards and compliance with evolving legislative requirements enhancing road safety, preventing accidents, and ensuring the well-being of the driver, the public, and the environment.

2.2 Tasks:

TASK	LINKS TO ELO
Handle, load, transport and offload and comply with legislative requirements.	Perform road transport dangerous goods duties and responsibilities applying knowledge of applicable legislation and standards.

2.3 Occupational Task Details:

2.3.1 Task 1

Handle, load, transport and offload and comply with legislative requirements.

(a) Unique Product or Service:

Safe, compliant, and efficient movement of dangerous goods.

(b) Responsibilities:

- Handle, load, and offload dangerous goods

SECTION 3: CURRICULUM COMPONENT SPECIFICATIONS

3 Knowledge Module Specifications:

NB: MODE OF DELIVERY e.g. face-to-face/contact, online, e-learning, mobile training unit, blended, distance, etc

Curr Doc Road Transport Dangerous Goods Driver 3 4

MODULE CODE	MODULE TITLE	NQF LEVEL	CREDITS	MODE OF DELIVERY
900282-001-00-KM-01	Dangerous Goods Theory	3	2	No restrictions. Face-to-face, or online, or blended

Detailing Knowledge Module (KM) contents

3.1 Knowledge Module (KM) – 01: 900282-001-00-00-KM-01, Dangerous Goods Theory, NQF Level 3, Credits 2

NB: Add title level and Credits above

MODULE CODE	MODULE TITLE	NQF LEVEL	CREDITS	MODE OF DELIVERY
900282-001-00-KM-01	Dangerous Goods Theory	3	2	No restrictions. Face-to-face, or online, or blended

3.1.1 Module Details:

(a) Purpose of Knowledge Module:

The focus of the learning in this knowledge module is to provide an overview and build an understanding of classification in working with dangerous goods and meeting national and international legislative requirements.

(b) List of Knowledge Topics:

TOPIC CODE	TOPIC TITLE	% OF TIME TO BE SPENT
KM-01-KT01	Introduction dangerous goods transport classification	30%
KM-01-KT02	Dangerous Goods Legislation and Regulations	30%
KM-01-KT03	Dangerous Goods Responsibilities and Duties	40%

(c) Detailing each topic listed above into topic elements:

KM-01-KT01 INTRODUCTION DANGEROUS GOODS TRANSPORT CLASSIFICATION ...30%			
TOPIC CODE	ELEMENT	TOPIC ELEMENT TITLE	% OF TIME TO BE SPENT

KT0101	Principles and concepts of the 9 Classes of dangerous goods	20
KT0102	Identification, UN numbers and Proper Shipping Names – PSN	20
KT0103	DGD and TRECARD	20
KT0104	Designated space and documents that must be carried in it	10
KT0105	Transport hazard labels	10
KT0106	Globally harmonised system of classification, labelling of chemicals (GHS), pictograms and labelling principles	10
KT0107	Compatibility and dangers of non-compliance to compatibility chart	10

Internal Assessment Criteria (IAC) and Weight

IAC CODE	IAC DESCRIPTION	% OF TIME TO BE SPENT
IAC0101	Identify the different classes of dangerous goods and the implications for packaging, marking and labelling	10
IAC0102	Explain the instructions, terms and characteristics on the DGD and TRECARD	10
IAC0103	Explain the implication of class of dangerous goods on the quantities transported as well as compatibility of classes during transport, including exemptions, the special requirements for class 1 explosives and class 7 radioactive material	10
IAC0104	Explain the dangers of damaged packaging, leaking containers	10
IAC0105	Explain the impact of the properties of dangerous goods and the dangers of transport, loading/off-loading incorrectly according to the requirements of the Transport Emergency Card (TRECARD) or safety data sheet and dangerous goods declaration (DGD).	10
IAC0106	Describe what is a designated space, colour, markings, and positioning and all the available and required documents, of the document holder in terms of the requirements of the legislation.	10
IAC0107	Identify the requirements for placards, marks or labels in terms of DGD requirements including class, UN	10

	Number, emergency numbers, placement of the placarding on the vehicle in terms legislation.	
IAC0108	Explain the consequences of incorrect/poor marking and labelling in case of an incident including exposure to dangerous (reaction) product(s).	10
IAC0109	Explain the importance of adhering to the guidelines for assigning portable tank requirements to substances listed in the Dangerous Goods List	10
IAC0110	Explain the importance of adhering to the requirements for bulk containers for the transport of solid substances listed in the Dangerous Goods Listing (SANS 10228)	10

KM-02-KT02... DANGEROUS GOODS LEGISLATION AND REGULATIONS 30%			
TOPIC CODE	ELEMENT	TOPIC ELEMENT TITLE	% OF TIME TO BE SPENT
KT0101		Introduction to dangerous goods	20
KT0102		Principles of Transport of Dangerous Goods TDG	20
KT0103		Introduction to the GHS	10
KT0104		Dangerous Goods Training requirements	10
KT0105		National DG and chemical related Regulations	10
KT0106		Dangerous goods transport legislation	10
KT0107		Principles of driving related Legislation, regulations, codes, and by-laws	10
KT0108		Principles of warehousing, loading and off-loading	10

Internal Assessment Criteria (IAC) and Weight

IAC CODE	IAC DESCRIPTION	% OF TIME TO BE SPENT
IAC0201	Identify the national and relevant requirements of the Road Traffic Regulations, its substances and articles of dangerous goods.	10
IAC0202	Explain the scope of working with dangerous goods in various industries, the importance to ensure public	10

	safety and protect the environment, the inherent risks and hazards and the consequences of mishandling dangerous goods.	
IAC0203	Identify the fundamental safety measures and best practices for working with dangerous goods including labelling, packaging, storage, transport, emergency response procedures, and personal protective equipment (PPE).	10
IAC0204	Explain environmental impact of dangerous goods and the importance of minimising harm through responsible practices	10
IAC0205	Describe Consignor, consignee, operator, driver duties	5
IAC0206	Describe pre and post loading actions, pre, post and en route inspections, incident reporting process, emergency response actions	5
IAC0207	Describe the responsibilities of the qualified person	5
IAC0208	Describe loading, offloading and load securement process	5
IAC0209	Describe local regulations regarding load weight, speed, driver hours, and resting periods.	5
IAC0210	Describe load securement checks for packaged goods, CTU packing and Tankers.	5
IAC0211	Explain that there are legal requirements for the transport of dangerous goods by road in neighbouring SADC countries	5
IAC0212	Explain the procedures to be followed when carrying a firearm in the truck	5
IAC0213	Identify the importance of UN Part 7 Provisions concerning Transport Operations by ALL Modes	5
IAC0214	Identify the significance of the SANS Standards – 10263 Warehousing, 10231 Operational Requirements and 10232 Emergency Information	5
IAC0215	Identify the importance of SOPs for loading and offloading processes, with responsibilities of driver and operational personnel.	5
IAC0216	Identify vehicle requirements to be met regarding safety equipment and fire extinguishers in accordance with SANS 1518	5

KM-01-KT03 DANGEROUS GOODS RESPONSIBILITIES AND DUTIES 40%			
TOPIC CODE	ELEMENT	TOPIC ELEMENT TITLE	% OF TIME TO BE SPENT
KT0301		Compliance, suitability and cleanliness of vehicle	20
KT0302		Compatibility, separation and segregation	10
KT0303		Dangerous goods loading/stowage plans	10
KT0304		Carrying dangerous goods	10
KT0305		Health and safety, DGD and TREC CARD	10
KT0306		Load/unload cargo transport units	10
KT0307		Handle dangerous goods in transport	10
KT0308		Security requirements	10
KT0309		Risk Assessments and Emergency Response and Incident reports	10

Internal Assessment Criteria (IAC) and Weight

IAC CODE	IAC DESCRIPTION	% OF TIME TO BE SPENT
IAC0301	Describe vehicle inspection process	20
IAC0302	Describe route planning and road route and site risk assessment	20
IAC0303	Explain adherence to a route plan (not deviating unless instructed for emergency reasons, make use of pre-planned stop (rest periods), checking on load during trip, check vehicle for defects during trip,)	20
IAC0304	Describe process for emergency stops and emergency situations	20
IAC0305	Explain hijacking risks, civil unrest risks and the reason that passengers are not allowed to be carried when transporting DG	10

IAC0306	Describe incident reporting process	10
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3.1.2 Criteria for accreditation

Requirements, against which Skills Development Providers (SDP) and Assessment Centres, will be accredited, as listed below.

Physical Requirements:

SKILLS DEVELOPMENT PROVIDER (SDP)	
EQUIPMENT & TOOLS	<ul style="list-style-type: none"> Physical training facilities (or if using a hybrid or e-learning model – software or internet platform) conducive to hosting the number of learners comfortably and safely for the duration of this module. Facilities that meet the minimum requirements for the comfort of learners (ablutions, hand washing facilities, sheltered from the elements etc.) if relevant. All learning materials, lesson plans, workbooks, assessment guides to cover the related topics. Tools and standards for internal assessment Record keeping systems to capture learner data and issue a statement of results. All consumables required for provision of this module. All assessment instruments to cover the related topics. Tools and standards for internal assessment
CONSUMABLES	All consumables required for provision of this module

ASSESSMENT CENTRE
Not applicable

Human Resource Requirements:

SKILLS DEVELOPMENT PROVIDER (SDP)

QUALIFICATIONS & EXPERIENCE	<p>Facilitator must have a minimum NQF Level 5 facilitator competencies (Facilitation of learning in occupational contexts, or equivalent) and 5-year experience in dangerous goods.</p> <p>Assessment Official (SME) must have a minimum NQF Level 5 assessment competencies as an Assessment Practitioner (Assessment principles and practices and/or Plan and conduct the assessment of learner competencies, or equivalent) and 5-year experience in dangerous goods.</p>
FACILITATOR/LEARNER RATIO	Facilitator/learner ratio 1: maximum 20

ASSESSMENT CENTRE
Not applicable

Legal Requirements:

SKILLS DEVELOPMENT PROVIDER (SDP)	
QUALIFICATIONS & EXPERIENCE	<ul style="list-style-type: none"> • CIPC registered entity • SARS Tax compliance pin • Compliant and current health and safety audit report • Relevant labour legislation visible in facility or on platform (as required by current legislation) • POPI policy • Approved by Minister of Transport in terms of National Road Traffic Act No. 93 of 1996 for dangerous goods drivers of all classes of vehicles
FACILITATOR/LEARNER RATIO	N/A

ASSESSMENT CENTRE
Not applicable

Additional Requirements:

SKILLS DEVELOPMENT PROVIDER (SDP)	
None	

ASSESSMENT CENTRE
None

3.1.3 Exemptions

N/A

4 Practical Skill Module (PM) Specifications:

NB: MODE OF DELIVERY e.g. face-to-face/contact, online, e-learning, mobile training unit, blended, distance, etc

MODULE CODE	MODULE TITLE	NQF LEVEL	CREDITS	MODE OF DELIVERY
900282-000-00-PM-04,	Handle, load, and offload dangerous goods	3	2	Face-to-face

4.1 Practical Module (PM) - 01: 900282-000-00-PM-04, Handle, load, and offload dangerous goods, NQF Level 3, Credits 2

Practical Module (PM) - 01

MODULE CODE	MODULE TITLE	NQF LEVEL	CREDITS	MODE OF DELIVERY
900282-000-00-PM-04,	Handle, load, and offload dangerous goods	3	2	Face-to-face

4.1.1. Module Details

(a) Purpose of the Practical Skills Module:

The focus of the learning in this module is to provide the learner an opportunity to provide the learner an opportunity to practice handle, load, and offload dangerous goods within a simulated or working environment under the supervision of a qualified person.

(b) List of Practical Skill Activities:

PRACTICAL SKILL CODE	ACTIVITY TITLE
PM-01-PS01	Conduct compliance checks on documentation, dangerous goods declaration, packaging and labelling
PM-01-PS02	Record and report non-compliance
PM-01-PS03	Conduct pre-, in-transit, and post-trip inspections
PM-01-PS04	Keep vehicle clean and in good hygienic condition
PM-01-PS05	Execute transport plans, following established routes and safety protocols
PM-01-PS06	Load and offload dangerous goods
PM-01-PS07	Execute en route load securement checks
PM-01-PS08	Implement emergency/incident response or emergency plan

(c) Scope of each Practical Skill Activity:

PM-01-PS01... CONDUCT COMPLIANCE CHECKS ON DOCUMENTATION, DANGEROUS GOODS DECLARATION, PACKAGING AND LABELLING ...	
PRACTICAL SKILL ACTIVITY SCOPE OUTLINE:	
Given a scenario, safety data sheet, DGD, TRECARD, drawing/photos, placards, works order, checklists, relevant aspects of standards and legislation, protocols, equipment and tools, work instructions, specific policies and procedures, forms and templates learner must be able to:	
PRACTICAL SKILL ACTIVITY ELEMENT CODES	PRACTICAL SKILL ACTIVITY ELEMENTS
PA0101	Identify correct UN certified packaging
PA0102	Check the compatibility of different hazards classes for mixed or multi-load freight prior to loading
PA0103	Confirm the correct and validity of the documents

Applied Knowledge that underpins the Practical Skill Activity

APPLIED KNOWLEDGE CODE	APPLIED KNOWLEDGE
AK0101	Standard operating procedures
AK0102	Requirements of designated space, colour, markings and position and required documents

Internal Assessment Criteria (IAC) for the Practical Skill Activity

IAC CODE	IAC DESCRIPTION
IAC0101	The correct packaging and labelling are identified in terms of the UN number and hazard class
IAC0102	The compatibility for mixed or multi-load is checked in accordance with the compatibility chart for transport.
IAC0103	Documents are checked against the DGD, TRECARD, the date is valid, and the placarding is correct.

PM-01-PS02... RECORD AND REPORT NON-COMPLIANCE ...
PRACTICAL SKILL ACTIVITY SCOPE OUTLINE

Given a scenario, safety data sheet, DGD, TRECARD, drawing/photos, placards, works order, checklists, relevant aspects of standards and legislation, protocols, equipment and tools, work instructions, specific policies and procedures, forms and templates learner must be able to:	
PRACTICAL SKILL ACTIVITY ELEMENT CODES	PRACTICAL SKILL ACTIVITY ELEMENTS
PA0201	Complete reporting template
PA0202	Use relevant methods/technologies to communicate non-compliance

Applied Knowledge that underpins the Practical Skill

APPLIED KNOWLEDGE CODE	APPLIED KNOWLEDGE
AK0201	Standard operating procedures
AK0202	Requirements of documents

Internal Assessment Criteria (IAC)

IAC CODE	IAC DESCRIPTION
IAC0201	Reporting template is completed as per standard operating procedures
IAC0202	Non-compliance is reported using available methods to communicate relevant information

PM-01-PS03... CONDUCT PRE-, IN-TRANSIT, AND POST-TRIP INSPECTIONS ...	
PRACTICAL SKILL ACTIVITY SCOPE OUTLINE	
Given a scenario, safety data sheet, DGD, TRECARD, drawing/photos, placards, works order, checklists, relevant aspects of standards and legislation, protocols, equipment and tools, work instructions, specific policies and procedures, forms and templates learner must be able to:	
PRACTICAL SKILL ACTIVITY ELEMENT CODES	PRACTICAL SKILL ACTIVITY ELEMENTS
PA0301	Inspect vehicle before, during and after a trip and complete vehicle checklist
PA0302	Prepare and submit vehicle inspection fault report

Applied Knowledge that underpins the Practical Skill

APPLIED KNOWLEDGE CODE	APPLIED KNOWLEDGE
AK0301	Standard operating procedures
AK0302	Relevant legislative requirements

Internal Assessment Criteria (IAC)

IAC CODE	IAC DESCRIPTION
IAC0301	Pre-, in-transit, and post-trip vehicle inspections are carried out and checklist correctly completed in accordance with standard procedures
IAC0302	Any non-compliance is reported in accordance with standard operating procedures

PM-01-PS04... KEEP VEHICLE CLEAN AND IN GOOD HYGIENIC CONDITION ...	
PRACTICAL SKILL ACTIVITY SCOPE OUTLINE	
Given a scenario, safety data sheet, DGD, TRECARD, drawing/photos, placards, works order, checklists, relevant aspects of standards and legislation, protocols, equipment and tools, work instructions, specific policies and procedures, forms and templates learner must be able to:	
PRACTICAL SKILL ACTIVITY ELEMENT CODES	PRACTICAL SKILL ACTIVITY ELEMENTS
PA0401	Sanitise and clean the interior of the vehicle
PA0402	Maintain interior of vehicle in clean condition and the placarding on the exterior are clean and legible

Applied Knowledge that underpins the Practical Skill

APPLIED KNOWLEDGE CODE	APPLIED KNOWLEDGE
AK0401	Standard operating procedures

Internal Assessment Criteria (IAC)

IAC CODE	IAC DESCRIPTION
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IAC0401	The interior of the vehicle is sanitised and kept clean focusing on high-contact surfaces to maintain a hygienic environment
IAC0402	The interior of vehicle is kept clean and the placarding on the exterior is clean and legible and no accumulation of residues or contaminants that could pose a risk when transporting dangerous goods

PM-01-PS05 EXECUTE TRANSPORT PLANS, FOLLOWING ESTABLISHED ROUTES AND SAFETY PROTOCOLS ...	
PRACTICAL SKILL ACTIVITY SCOPE OUTLINE	
Given a scenario, safety data sheet, DGD, TRECARD, drawing/photos, placards, works order, checklists, relevant aspects of standards and legislation, protocols, equipment and tools, work instructions, specific policies and procedures, forms and templates learner must be able to:	
PRACTICAL SKILL ACTIVITY ELEMENT CODES	PRACTICAL SKILL ACTIVITY ELEMENTS
PA0501	Follow the assigned routes for transporting dangerous goods
PA0502	Report on possible risks on the route

Applied Knowledge that underpins the Practical Skill

APPLIED KNOWLEDGE CODE	APPLIED KNOWLEDGE
AK0501	Standard operating procedures
AK0502	Risk assessment

Internal Assessment Criteria (IAC)

IAC CODE	IAC DESCRIPTION
IAC0501	The assigned routes for transporting dangerous goods are followed to avoid roadblocks, high-risk areas, and to maintain adherence to scheduled timelines
IAC0502	Transport documents are completed detailing route information, goods conditions, and any incidents, in line with the road transport safety requirements for hazardous materials

PM-01-PS06... LOAD AND OFFLOAD DANGEROUS GOODS ...	
PRACTICAL SKILL ACTIVITY SCOPE OUTLINE	
Given a scenario, safety data sheet, DGD, TRECARD, drawing/photos, placards, works order, checklists, relevant aspects of standards and legislation, protocols, equipment and tools, work instructions, specific policies and procedures, forms and templates learner must be able to:	
PRACTICAL SKILL ACTIVITY ELEMENT CODES	PRACTICAL SKILL ACTIVITY ELEMENTS
PA0601	Load dangerous goods onto transport vehicles
PA0602	Conduct thorough pre-offloading checks
PA0603	Inspect and document the condition of dangerous goods post-offloading

Applied Knowledge that underpins the Practical Skill

APPLIED KNOWLEDGE CODE	APPLIED KNOWLEDGE
AK0601	Standard operating procedures
AK0602	Loading documents

Internal Assessment Criteria (IAC)

IAC CODE	IAC DESCRIPTION
IAC0601	Dangerous goods are loaded onto transport vehicles, ensuring that each item is properly classified, packaged, and secured according to the latest dangerous goods, marking, labelling and placarding legislation
IAC0602	Pre-offloading checks are conducted to verify that all safety protocols are in place, the goods are intact, and the offloading area is secure and equipped for handling dangerous goods
IAC0603	The condition of dangerous goods is inspected and documented post-offloading, ensuring that no contamination or damage occurred during transport, and any discrepancies or incidents is reported in accordance with safety guidelines

PM-01-PS07... EXECUTE EN ROUTE LOAD SECUREMENT CHECKS ...
PRACTICAL SKILL ACTIVITY SCOPE OUTLINE

Given a scenario, safety data sheet, DGD, TRECARD, drawing/photos, placards, works order, checklists, relevant aspects of standards and legislation, protocols, equipment and tools, work instructions, specific policies and procedures, forms and templates learner must be able to:

PRACTICAL SKILL ACTIVITY ELEMENT CODES	PRACTICAL SKILL ACTIVITY ELEMENTS
PA0701	Conduct regular en route inspections of the securement of dangerous goods
PA0702	Adjust and reinforce load securement devices
PA0703	Assess the condition of dangerous goods during stops
PA0704	Record the outcomes of each en route securement check

Applied Knowledge that underpins the Practical Skill

APPLIED KNOWLEDGE CODE	APPLIED KNOWLEDGE
AK0701	Standard operating procedures

Internal Assessment Criteria (IAC)

IAC CODE	IAC DESCRIPTION
IAC0701	Regular en route inspections are conducted for the securement of dangerous goods, using the correct safety gear and following established checklists to ensure load stability and compliance with transport legislation
IAC0702	Load securement devices are adjusted and reinforced during transport, documenting any changes made to the securement setup
IAC0703	The condition of dangerous goods is checked during stops, making sure that no shifting or leaks has occurred and that the load remains in its designated positions, properly separated and stabilised
IAC0704	the outcomes of each en route securement check is recorded, noting the time, location, and any actions taken to rectify potential hazards for compliance and safety assurance.
IAC0705	Compatibility is maintained during multi-load drop-offs

PM-01-PS08... IMPLEMENT EMERGENCY/INCIDENT RESPONSE OR EMERGENCY PLAN ...
PRACTICAL SKILL ACTIVITY SCOPE OUTLINE

Given a scenario, safety data sheet, DGD, TRECARD, drawing/photos, placards, works order, checklists, relevant aspects of standards and legislation, protocols, equipment and tools, work instructions, specific policies and procedures, forms and templates learner must be able to:

PRACTICAL SKILL ACTIVITY ELEMENT CODES	PRACTICAL SKILL ACTIVITY ELEMENTS
PA0801	Implement health and safety plans in compliance with regulations
PA0802	Use safety equipment, including personal protective gear, as instructed
PA0803	Implement emergency response plans specific to dangerous goods transported
PA0804	Implement immediate responses during accidents, leaks, or other emergencies

Applied Knowledge that underpins the Practical Skill

APPLIED KNOWLEDGE CODE	APPLIED KNOWLEDGE
AK0801	Standard operating procedures
AK0802	Use of equipment
AK0803	Legislative requirements
AK0804	TRECARD instructions

Internal Assessment Criteria (IAC)

IAC CODE	IAC DESCRIPTION
IAC0801	Transport trips are checked against all health and safety requirements
IAC0802	All safety and PPE are used and kept in operational order
IAC0803	All protocols are followed in the event of an emergency
IAC0804	The immediate responses implemented during incidents involving accidents, leaks, or other emergencies are checked to determine areas for improvements in future emergency handling
IAC0805	TRECARDs are used to inform responses to the incident

4.1.2. Criteria for accreditation

Requirements, against which Skills Development Providers (SDP) and Assessment Centres, will be accredited, as listed below.

Physical Requirements:

SKILLS DEVELOPMENT PROVIDER (SDP)	
EQUIPMENT & TOOLS	<ul style="list-style-type: none"> • Access to a dangerous goods environment, a simulated environment • Physical training facilities conducive to hosting the number of learners comfortably and safely for the duration of this module • Facilities that meet the minimum requirements for the comfort of learners (ablutions, hand washing facilities, shelter from the elements etc.), if relevant • Record keeping systems to capture learner data and issue a statement of results, Document Control system and policies and procedures for operations • The provider must have practical guidebooks with clear instructions on activities (including templates and where relevant references to material or additional information required to cover aspects of the applied knowledge) • The provider must have the following tools and equipment: <ul style="list-style-type: none"> ○ Equipment (Long Term Consumables) <ul style="list-style-type: none"> ▪ Questionnaire ▪ Checklists ▪ Photos ▪ Simulation/demonstration/videos ▪ Placards, orange book, SANS Codes, Designated space, TRECARD ▪ DGD, SDS, examples of hazard diamonds, examples of CTU, spill kit, ○ Personal Protective Equipment as per TRECARD ○ Safety <ul style="list-style-type: none"> ▪ Signage of all the classes of danger ▪ Compatibility chart for loading a vehicle and for warehousing and storage ▪ Safety Signage (Emergency and Warning Signs)

	<ul style="list-style-type: none"> ▪ Evacuation Plan ▪ Statutory Appointments (OSH Act and relevant Regulations) ▪ Statutory Inspections and Testing (Equipment) ▪ First aid kit ▪ Fire extinguisher (checking expiring date)
CONSUMABLES	<p>The following Consumables:</p> <ul style="list-style-type: none"> ○ Pens, paper, training stationery, charts, calculators <p>The provider must have logbooks to capture learner progress against the practical activities</p> <p>The provider must have the following as stated in the given statements:</p> <ul style="list-style-type: none"> ○ A scenario, safety data sheet, DGD, TRECARD, drawing/photos, placards, works order, checklists

ASSESSMENT CENTRE
Not applicable

Human Resource Requirements:

SKILLS DEVELOPMENT PROVIDER (SDP)	
QUALIFICATIONS & EXPERIENCE	<p>Facilitator must have a minimum NQF Level 5 facilitator competencies (Facilitation of learning in occupational contexts, or equivalent) and 5-year experience in dangerous goods.</p> <p>Assessment Official (SME) must have a minimum NQF Level 5 assessment competencies as an Assessment Practitioner (Assessment principles and practices and/or Plan and conduct the assessment of learner competencies, or equivalent) and 5-year experience in dangerous goods.</p>
FACILITATOR/LEARNER RATIO	Facilitator/learner ratio 1: maximum 20

ASSESSMENT CENTRE
Not applicable

Legal Requirements:

SKILLS DEVELOPMENT PROVIDER (SDP)	
QUALIFICATIONS & EXPERIENCE	<ul style="list-style-type: none">• CIPC registered entity• SARS Tax compliance pin• Compliant and current health and safety audit report• Relevant labour legislation visible in facility or on platform (as required by current legislation)• POPI policy• Approved by Minister of Transport in terms of National Road Traffic Act No. 93 of 1996 for dangerous goods drivers of all classes of vehicles
FACILITATOR/LEARNER RATIO	N/A

ASSESSMENT CENTRE
Not applicable

Additional Requirements:

SKILLS DEVELOPMENT PROVIDER (SDP)
None

ASSESSMENT CENTRE
None

4.1.3 Exemptions

None

5 POSSIBLE SEQUENCING AND INTEGRATION

Listing and order of modules in the sequence in which these modules will follow each other during delivery/implementation. This allows for integration of KM, AM (PM/ WM) as work logically flows.

ORDER	MODULE TITLE	MODULE CODE	LEVEL	CREDITS
1.	Dangerous Goods Theory	900282-001-00-KM-01	3	2
2.	Handle, load, and offload dangerous goods	900282-000-00-PM-04,	3	2