



Company Profile and Offerings

Training

Equipment

Services

2020



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Introduction

The Assessment Zone was established in February 2014 and re-branded in 2019 to keep up with the demand for Training and Occupational Health and Safety Compliance.

The Assessment Zone is a Service provider offering a comprehensive range of Equipment Training and Services aimed at empowering people in various economic sectors in South Africa.

(The Assessment Zone PTY Ltd - Reg. No. 2014/028577/07).

Our Vision

The Assessment Zone will distinguish itself as a leader in its efforts to be responsive, engaged, and collaborative in addressing the needs of its learners, employees and the community. These characteristics will be the seal of The Assessment Zone's teaching and learning activities, research and service obligations, as it achieves excellence through focused involvement.

Our Mission

The Assessment Zone is a dynamic and nurturing training provider that supports the growth and aspirations of its learners through purposeful interaction among staff and learners that emphasises the active application of knowledge and skills to promote education and training excellence, equity and opportunity.

Our Values and Beliefs

We adhere to proven procedures, and total commitment to meeting and exceeding learners and customer requirements, and to maintain an organizational culture that fosters continuous improvement by:

- Maintaining complete **Integrity** in all our actions.
- Work in partnership with our **Customers** to enhance their respect and loyalty.
- Maintain an involved environment, rely on the essential excellence of our **People**, and provide a system in which they can excel.
- Endeavour to help our **People** achieve their full potential through **Continuous** education, training, and recognition of outstanding **Performance**.
- Make decisions that will maximize our **Opportunities** for success.
- Recognize our **Responsibility** as good citizens and good neighbours of the communities in which we operate.
- Maintain a **Passion** for continuous improvement and continuously improve our processes, products and services.

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We ZONE in on your training needs

The Assessment Zone is able to provide your business with a comprehensive, strategically aligned range of services and solutions which will empower your people to perform and deliver your business objectives. Our approach means the solution or service offered is based on a broader understanding of your business needs.

Accreditation Status:

- 1) Accreditation number: TETA 14 - 440
- 2) Department of Labour: CI 575
- 3) Department of Transport: In process
- 4) Services SETA Extension of Scope: In Process (Generic Management, Business Administration and Call Centre Qualification)
- 5) ETDP SETA Extension of Scope: In Process (Assessor, Moderator and Facilitator Courses)
- 6) B-BBEE – 100% Level 4 Contributor

Our catalogue range is defined in the following fields:

- Lifting Machine Operations: Includes all types of lifting equipment i.e. Forklifts, Cranes
- Occupational Health and Safety: Includes First Aid Training, Fire Fighting, SHE Representative, Incident and Accident Investigation, Emergency Evacuation and all Legislative or Compliance Training.
- Driver Training: Includes all Defensive and Advanced Driver Training, Anti Hi-Jack, Driver Assessments
- Qualifications: 50285 - National Certificate: Professional Driving NQF 3 Credits 122

More Services:

We provide the following additional value added services besides the programmes listed within this profile:

<ol style="list-style-type: none"> 1) Company Accreditation Application and Support 2) Registration of Assessors and Moderators 3) ETQA Processes: <ol style="list-style-type: none"> a) Assessment of Learning Outcomes b) Internal Moderation c) Certification d) Upload and Verification from SETA's 4) Quality Management Systems, Policies & Procedures 5) Designing and Developing Learning Materials 	<ol style="list-style-type: none"> 6) Health and Safety: <ol style="list-style-type: none"> a) Occupational Health and Safety Management System Files and Implementation b) Hazard Identification and Risk Assessments c) Health and Safety Audits, Workplace Inspections d) Health and Safety Induction Programme Development e) Environment & Quality Support f) Health and Safety Signs g) First Aid Kits h) Fire Alarms i) Evacuation Plans j) Health and Safety Safe Work Procedure Development
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Qualifications

<u>Nr</u>	<u>Title</u>	<u>NQF Level</u>	<u>Credits</u>	<u>Duration</u>
	<u>Accredited Short Learning Programmes</u>			
1.	<u>Health and Safety</u>			
1.1	Occupational Health Safety & General Housekeeping	3	8	2 Days
1.2	Apply occupational health, safety and environmental principles (Advanced Health and Safety Training - Identify, Evaluate and Controlling Hazards. Legislation, Gather, Evaluate OHS Information and OHS On-The-Job-Training)	3	10	3 Days
1.3	Conduct workplace Occupational Health and Safety (OHS) inspections (SHE REPS including HIRA)	2	3	2 Days
1.4	Conduct an investigation into workplace safety, health and environmental incidents (Accident Investigation)	2	3	1 Day
1.5	OHS Management Liabilities and Appointments Knowledge and application of the Occupational, Health and Safety Act, 85 of 1993 (OHSA) and the responsibilities of management in terms of the Act.	4	4	2 Days
1.6	Perform basic fire fighting	2	4	1 Day
1.7	Demonstrate basic knowledge and understanding of emergency preparedness and response (Evacuation Warden and Evacuation Procedures)	2	2	1 Day
1.8	Carry out basic first aid treatment in the workplace (For Professional Driving Qualification First Aid Level 1)	3	2	2 Days
1.9	Provide first aid as an advanced first responder	3	8	2-5 Days

<u>Nr</u>	<u>Title</u>	<u>NQF Level</u>	<u>Credits</u>	<u>Duration</u>
	First Aid Level 1 (2 Days) First Aid Level 2 (3 Days) First Aid Level 3 (5 Days)			
1.10	Apply knowledge of HIV/ AIDS to a specific business sector and a workplace	3	5	2 Days
1.11	Control workplace hazardous substances	3	4	2 Days
2.	<u>Lifting Machinery</u>			
2.1	Operate a pendant controlled overhead crane (C30) Novice – 5 Days Refresher 1-2 Days	2	5	1-5 Days
2.2	Operate a cab controlled overhead crane (C31) Novice – 5 Days Refresher 1-2 Days	2	8	1-5 Days
2.3	Operate a truck mounted loader crane (C32) Novice – 5 Days Refresher 1-2 Days	2	20	1-5 Days
2.4	Operate a mobile crane Hydraulic Mobile Cranes up to 50 000 kg (C33, C34, C37, C38, C43) Novice – 5 Days Refresher 1-2 Days	2	20	1-5 Days
2.5.	Operate a tower crane C41 Top Slewing C42 Bottom Slewing Novice – 5 Days Refresher 1-2 Days	2	20	1-5 Days
2.6	Operate counter-balanced lift truck (F1 – F4) Novice – 5 Days Refresher 1-2 Days	3	7	1-5 Days
3.	<u>Components:</u>			

<u>Nr</u>	<u>Title</u>	<u>NQF Level</u>	<u>Credits</u>	<u>Duration</u>
	<u>Core and Fundamental Learning</u>			
	Apply knowledge of HIV/ AIDS to a specific business sector and a workplace	3	4	1 Day
3.1	Foster and maintain customer relations	3	10	1 Day
3.2	Maintaining occupational health, safety and general housekeeping	3	8	1 Day
3.3	Plan road transport service delivery	3	8	1 Day
3.4	Accommodate audience and context needs in oral/signed communication	3	5	1 Day
3.5	Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	3	2	1 Day
3.6	Describe, apply, analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts	3	4	1 Day
3.7	Interpret and use information from texts	3	5	1 Day
3.8	Investigate life and work related problems using data and probabilities	3	5	1 Day
3.9	Use language and communication in occupational learning programmes	3	5	1 Day
3.10	Use mathematics to investigate and monitor the financial aspects of personal, business and national	3	5	1 Day

<u>Nr</u>	<u>Title</u>	<u>NQF Level</u>	<u>Credits</u>	<u>Duration</u>
	issues			
3.11	Write/present/sign texts for a range of communicative contexts	3	5	1 Day
4.	<u>Components:</u> <u>Elective Learning</u>			
4.1	Load general freight	2	6	tbd
4.2	Meet the requirements in order to obtain a provisional license	2	15	tbd
4.3	Operate a rigid light vehicle	2	10	tbd
4.4	Operate a truck mounted loader crane	2	20	tbd
4.5	Operate in a team	2	4	tbd
4.6	Perform basic fire fighting	2	4	tbd
4.7	Apply advanced techniques for operating four wheel drive (4WD) vehicles in on-road and off-road conditions	3	8	tbd
4.8	Apply basic business principles	3	9	tbd
4.9	Apply occupational health, safety and environmental principles	3	10	tbd
4.10	Apply the techniques for operating four wheel drive (4WD) vehicles, in on-road and off-road conditions	3	4	tbd
4.11	Carry out basic first aid treatment in the workplace	3	2	tbd
4.12	Convey dangerous goods by road	3	4	tbd

<u>Nr</u>	<u>Title</u>	<u>NQF Level</u>	<u>Credits</u>	<u>Duration</u>
4.13	Handle a crime situation	3	6	tbd
4.14	Provide commuter services	3	8	tbd
4.15	Provide first aid as an advanced first responder	3	8	tbd
4.16	Provide long distance coach/bus services	3	10	tbd
4.17	Provide tour coach services	3	8	tbd
4.18	Develop a business plan for a small business	4	5	tbd
4.19	Managing self-development	4	12	tbd
4.20	Operate a rigid heavy vehicle	4	15	tbd
4.21	Operate a vehicle combination	4	20	tbd
4.22	Apply advanced driving skills: defensive driving	5	6	tbd
4.23	Apply advanced driving skills: offensive driving	5	3	tbd
5	<u>Driving License</u>			
5.1	National Certificate: Professional Driving	3	122	1 Year
5.2	Meet the requirements in order to obtain a provisional driving license	2	15	5 Days
5.3	Operate a rigid light vehicle Below 3.5 tons	2	10	On Request
5.4	Operate a rigid heavy vehicle Above 3.5 tons	4	15	On Request
5.5	Operate a vehicle combination Above 3.5 tons with Trailer			
5.6	Convey dangerous goods by road Novice (2 Days) Refresher (1 Day)	3	4	1-2 Days

<u>Nr</u>	<u>Title</u>	<u>NQF Level</u>	<u>Credits</u>	<u>Duration</u>
5.7	Apply advanced driving skills: Offensive Driving	5	3	2 Days
5.8	Apply advanced driving skills: Defensive Driving	5	6	3 Days
5.9	Apply the Techniques for operating four wheel drive (4WD) vehicles, in on-road and off-road conditions.	3	4	3 Days
5.10	Apply Advanced Techniques for operating four wheel drive (4WD) vehicles in on-road and off-road conditions	3	8	4 Days
6.	<u>Unaccredited Short Learning Programs</u>			
6.1	Defensive and Economical Driver Training	n/a	n/a	1 Day
6.2	Driver Assessments (Max 8 Learners)	n/a	n/a	1 Day
6.3	Anti Hijacking	n/a	n/a	4 Hours



Title: National Certificate: Professional Driving

QUALIFICATION ID: 50285
NQF Level: 3
NQF Credits: 122
Duration: 1 Year

Purpose:

The purpose of the qualification is to ensure competent professional driving competence in the road transport sector, thus improving earning capacity of professional drivers as well as transport sector professionalism and economic growth.

The qualification is set to create an environment for growth and development of learners, by improving the employment prospects and marketable competence of drivers, and accelerating the redress of past unfair discrimination in education, training and employment opportunities. By setting the minimum standards contained in this qualification, professional driving education and training will also improve.

The professional status of drivers of commercial vehicles will be enhanced by awarding a formal qualification in recognition of their professional competence. This qualification is designed to allow maximum access to, mobility and progression within education and training, and within a career path in the transport sector.

Competence achieved in this qualification provides building blocks towards NQF level 4 qualifications, and the inclusion of communication and language, and mathematic literacy requirements contributes to learner development beyond simply the requirements for professional driving.

Qualified learners are capable of:

- Obtaining and communicating road transport operational information.
- Assessing loads against given permissible load requirements.
- Planning road transport service delivery that meets specified requirements.
- Driving a vehicle conveying a specific freight commodity or category of passengers.
- Qualified learners also elect to achieve at least one of the following specialisations:
 - Using computerised spreadsheets and word processing.
 - Planning the establishment of a small business according to relevant business principles.
 - Conducting vehicle maintenance according to specified procedures.
 - Operating lifting equipment according to specified procedures.

Rationale:

Learners credited with this qualification are working, or intend working, in the commercial road transport industry as drivers. This qualification builds on light vehicle driving competence, and credits competent drivers, who are driving vehicles carrying freight or passengers for commercial purposes.

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The demand for this qualification lies primarily in the transport industry's requirement for drivers to have employable competence beyond that of a basic driving license and professional driving permit. Currently, more than 7000 individuals work in the sector that would benefit from this qualification. Learners can be persons entering the sector, persons already working in the sector as drivers, persons already working in the field in a non-driving capacity, and/or self-employed persons within the sector.

There is a critical need in the industry to recognised learner competence regarding professional driving, and to ensure that legal requirements are adhered to. In South Africa, the transport industry is experiencing a shortage of competence in and good training for professional driving.

Direct costs of poor driving include human and economic costs. Improved professional driving could influence the South African economy in direct transport, social and economic costs alone to the value of millions of Rands each year. By improving professional driving competence, road safety is improved and social and economic costs associated with road accidents are decreased.

Components: Core and Fundamental Learning

LEARNING TYPE	ID	UNIT STANDARD TITLE	NQF LEVEL	CREDITS
Core	114941	Apply knowledge of HIV/AIDS to a specific business sector and a workplace	NQF Level 03	4
Core	123258	Foster and maintain customer relations	NQF Level 03	10
Core	8016	Maintaining occupational health, safety and general housekeeping	NQF Level 03	8
Core	123261	Plan road transport service delivery	NQF Level 03	8
Fundamental	119472	Accommodate audience and context needs in oral/signed communication	NQF Level 03	5
Fundamental	9010	Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	NQF Level 03	2
Fundamental	9013	Describe, apply, analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts	NQF Level 03	4
Fundamental	119457	Interpret and use information from texts	NQF Level 03	5
Fundamental	9012	Investigate life and work related problems using data and probabilities	NQF Level 03	5
Fundamental	119467	Use language and communication in occupational learning programmes	NQF Level 03	5
Fundamental	7456	Use mathematics to investigate and monitor the financial aspects of personal, business and national issues	NQF Level 03	5
Fundamental	119465	Write/present/sign texts for a range of communicative contexts	NQF Level 03	5

Components: Elective Learning

Elective	123262	Load general freight	NQF Level 02	6
Elective	243665	Meet the requirements in order to obtain a provisional licence	NQF Level 02	15
Elective	123257	Operate a rigid light vehicle	NQF Level 02	10
Elective	116253	Operate a truck mounted loader crane	NQF Level 02	20
Elective	8420	Operate in a team	NQF Level 02	4
Elective	12484	Perform basic fire fighting	NQF Level 02	4
Elective	254154	Apply advanced techniques for operating four wheel drive (4WD) vehicles in on-road and off-road conditions	NQF Level 03	8
Elective	8000	Apply basic business principles	NQF Level 03	9
Elective	113852	Apply occupational health, safety and environmental principles	NQF Level 03	10
Elective	254135	Apply the techniques for operating four wheel drive (4WD) vehicles, in on-road and off-road conditions	NQF Level 03	4
Elective	116534	Carry out basic first aid treatment in the workplace	NQF Level 03	2
Elective	123259	Convey dangerous goods by road	NQF Level 03	4
Elective	117833	Handle a crime situation	NQF Level 03	6
Elective	123256	Provide commuter services	NQF Level 03	8
Elective	376480	Provide first aid as an advanced first responder	NQF Level 03	8
Elective	123252	Provide long distance coach/bus services	NQF Level 03	10
Elective	123255	Provide tour coach services	NQF Level 03	8
Elective	117241	Develop a business plan for a small business	NQF Level 04	5
Elective	7997	Managing self-development	NQF Level 04	12
Elective	123253	Operate a rigid heavy vehicle	NQF Level 04	15
Elective	123254	Operate a vehicle combination	NQF Level 04	20
Elective	377201	Apply advanced driving skills: defensive driving	NQF Level 05	6
Elective	377220	Apply advanced driving skills: offensive driving	NQF Level 05	3

*Prices available on request for full qualification or single unit standards.



Accredited Short Learning Programmes

Title: Occupational Health Safety & General Housekeeping

(General OHS Training for the Workplace)

US ID: 8016

NQF Level: 3

NQF Credits: 8

Duration: 2 Days

Purpose of the unit standard

A learner accredited with this standard will be able to demonstrate applied competence in occupational health, safety awareness of environmental issues and general housekeeping based on statutory and industry requirements.

Credited learners are capable of:

- Implementing selected mechanisms for the minimising of risks
- Implementing and complying with the relevant procedures
- Use the correct protective clothing and equipment

Specific outcome 1

Use the correct protective clothing and equipment.

- Explain his/her understanding of what constitutes safety, health and environment appreciation in the broader working environment, and how this relates to good practices within such environments.
- Demonstrate application of relevant legislation to ensure compliance with national, and where applicable, international safety and health requirements and environmental standards.
- Select, demonstrate and/or describe the application of appropriate reporting mechanisms for unsafe working practice and conditions.
- Promptly identify possible contingency plans according to the type and scale of a simulated emergency.
- Select, explain and demonstrate good housekeeping practices (e.g. preparing dunnage, stacking within demarcated areas).
- Determine and explain means for possible improvements in health, hygiene, environmental and safety practices in a given scenario.

Specific outcome 2

Implementing and complying with the relevant procedures.

- Explain his/her understanding of what constitutes safety, health and environment appreciation in the broader working environment, and how this relates to good practices within such environments.
- Demonstrate application of relevant legislation to ensure compliance with national, and where applicable, international safety and health requirements and environmental standards.
- Select, demonstrate and/or describe the application of appropriate reporting mechanisms for unsafe working practice and conditions.
- Promptly identify possible contingency plans according to the type and scale of a simulated emergency.
- Select, explain and demonstrate good housekeeping practices (e.g. preparing dunnage, stacking within demarcated areas).
- Determine and explain means for possible improvements in health, hygiene, environmental and safety practices in a given scenario.

Learning assumed to be in place

- NQF 1 or General Education and Training Certificate
- Fire Fighting Standard (NQF level 1)
- Emergency Care Standard (NQF Level 1)

Specific outcome 3

Implementing selected mechanisms for the minimising of risks.

- Explain his/her understanding of what constitutes safety, health and environment appreciation in the broader working environment, and how this relates to good practices within such environments.
- Demonstrate application of relevant legislation to ensure compliance with national, and where applicable, international safety and health requirements and environmental standards.
- Select, demonstrate and/or describe the application of appropriate reporting mechanisms for unsafe working practice and conditions.
- Promptly identify possible contingency plans according to the type and scale of a simulated emergency.
- Select, explain and demonstrate good housekeeping practices (e.g. preparing dunnage, stacking within demarcated areas).
- Determine and explain means for possible improvements in health, hygiene, environmental and safety practices in a given scenario.

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Title: Apply occupational health, safety and environmental principles
(Advanced Health and Safety Training - Identify, Evaluate and Controlling Hazards.
Legislation, Gather, Evaluate OHS Information and OHS On-The-Job-Training)

US ID: 113852
NQF Level: 3
NQF Credits: 10
Duration: 3 Days

Purpose of the unit standard

Learners acquiring this standard will be learning towards obtaining a national qualification or are working within a health and safety environment, where acquisition of competence against this standard will add value to learner's job, or chances of finding employment..

Credited learners are capable of:

- Identifying hazards, evaluating hazards and controlling hazards
- Explaining and using relevant legislation and regulations
- Gathering and organising occupational health, safety and environmental information from the workplace
- Carrying out occupational health and safety training

Specific outcome 1

Identify hazards.

- Different hazards are identified and categorised according to specific area, job category, work procedure, machinery or substances used.
- Workplace inspections are undertaken in specific work areas/procedures.
- Information on specific Occupational Risk Exposure Profiles is contributed (OREP) in reports.
- Individual and categories of employees are assisted in contributing to their OREP's.
- Employees are assisted in hazard identification (informal on the job hazard education/training for other employees).
- Hazard identification is communicated in specific areas and jobs with employees and management.
- The links between work, health, safety and the environment are explained (public safety).

Specific outcome 2

Evaluate and report hazards.

- Hazards are evaluated and prioritised according to the risk of exposure and the risk of detrimental health outcome
- Recommendations on hazards drafted in H&S structures are reported on and discussed.
- Participation in incident investigations is secured.
- Incident investigation outcomes are communicated with employees.
- A rudimentary knowledge of Risk Assessment (RA) and ability to contribute information to RA is displayed.
- Employees are informed of hazard evaluation activities, results and RA reports

Specific outcome 3

Gather and organise OHS information from the workplace.

- Meetings and interviews with employees are conducted to gather OHS needs and information.
- Information from reports, meetings and inspections is summarised to address OHS issues with affected employees.

Specific outcome 3

Apply preventative measures (including training) in the workplace.

- Control measures in place are identified and explained.
- The principle of the hierarchy of control measures to the workplace is applied.
- Hazard control measures are communicated, in specific areas and jobs with employees and management.
- The control measures in place for particular area, work procedure, machinery or substance are described, evaluated and reported on.
- Informal, on the job peer learning is facilitated from shared experiences.
- Useful OHS training materials and resources are identified and evaluated.
- Relevant OHS training is undertaken and needs are identified.

Specific outcome 4

Explain, use and comply with relevant legislation and regulations.

- The responsibilities, duties and rights of individuals in the workplace and the relevant internal and external bodies are described correctly.
- The OHS information relevant to the workplace are located and explained.
- Relevant COID Act rights and procedures are explained
- Employees are informed of their OHS rights, duties, functions and responsibilities of the employer and the H&S role players in the workplace.
- Information is utilised from the legislation to perform responsibilities/duties to engage.
- Employers' representatives on OHS related issues are identified.
- The Department of Labour (DoL) representatives, practitioners and occupational hygienists
- Workplace compliance with regulations and legislation is assessed and reported on.

Learning assumed to be in place

Learners accessing this unit standard / qualification will have demonstrated competence against adequate reading and writing skills as well as knowledge of the workplace in terms of the jobs performed by people on a team, procedures required of them and experience of dealing with problems and processes in the workplace.

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Title: Conduct workplace Occupational Health and Safety (OHS) inspections
(SHE REPS including HIRA)

US ID: 259619
NQF Level: 2
NQF Credits: 3
Duration: 2 Day

Purpose of the unit standard

The person credited with this unit standard will be able to understand the legislation that applies to occupational health and safety; the impact that non-compliance would have in the workplace and understand the inspection protocols applicable to the workplace. Learners will also be able to carry out physical inspections and record, report and deal with the results of the inspection in order to implement corrective and preventative actions.

The qualifying learner is capable of:

- Explaining the relevant legal requirements to conduct occupational health and safety (OHS) inspections.
- Planning occupational health and safety (OHS) inspections.
- Conducting inspections to identify non-compliance in the workplace.
- Reporting on occupational health and safety (OHS) inspections.

Specific outcome 1

Explain the relevant legal requirements to conduct occupational health and safety (OHS) inspections.

- Relevant legislation applicable to the workplace is analysed in order to ensure compliance to legal requirements.
- Information and training required is described in terms of meeting legal requirements for OHS inspections.
- The impact on the organisation of non-compliance is explained in terms of possible consequences to both employer and employees.

Specific outcome 2

Plan occupational health and safety (OHS) inspections.

- Workplace environment is explained in terms of specific inspection requirements.
- Relevant documentation including previously identified hazards and risks is obtained and completed in accordance with legislative and organisational requirements.
- Inspection protocols are explained in accordance with legislative and organisational requirements.

Specific outcome 3

Conduct inspections to identify non-compliance in the workplace.

- Physical inspection is carried out in order to determine potential hazards and associated risks.
- Inspection findings are recorded in a written format in order to ensure corrective and preventative action is implemented.
- The criticality of the risks is assessed in order to determine the time frame required to implement corrective and preventative actions.

Specific outcome 4

Report on occupational health and safety (OHS) inspections.

- An official occupational health and safety (OHS) written report is generated and presented in accordance with inspection protocols.
- Critical non-compliance issues are highlighted and addressed immediately in line with the requirements of the risk matrix.
- Corrective and preventative actions are followed-up on in accordance with legal and organisational requirements

Learning assumed to be in place

Learners accessing this qualification will have demonstrated competence in:

- Communication at NQF level 1 or equivalent.
- Mathematical literacy at NQF level 1 or equivalent.

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Title: Conduct an investigation into workplace safety, health and environmental incidents

(Accident Investigation)

US ID: 259617

NQF Level: 2

NQF Credits: 3

Duration: 1 Day

Purpose of the unit standard

The person credited with this unit standard is able to identify and explain the legal and organisational-specific requirements regulating the reporting and investigation of workplace incidents. The learners will be able to complete the required reports and be able to process any physical evidence which may have been collected.

The qualifying learner is capable of:

- Describing requirements for workplace safety, health and environment incident investigation.
- Gathering information for workplace safety, health and environment incident investigations.
- Conducting post-investigation activities.

Specific outcome 1

Describe requirements for workplace safety, health and environment incident investigation.

- The legal and organisational specific requirements regulating the reporting and investigation of workplace incidents are identified in order to determine applicable governance procedures.
- The legal and organisational specific requirements for an investigation into workplace incidents are explained in order to follow the prescribed requirements.
- The procedures to be followed when an incident occurs in the workplace are explained in order to facilitate effective management of the incident.
- The consequences of non-compliance with legal and organisational specific requirements are explained in terms of the impact on safety, health and environment in the workplace.

Specific outcome 2

Gather information for workplace safety, health and environment incident investigations.

- The purpose, type and extent of information required are explained in accordance with prescribed requirements.
- Resources required to conduct investigations are identified and selected in accordance with prevailing circumstances.
- Information is gathered in accordance with the prescribed procedures.
- The need for gathering accurate and relevant information about workplace incidents is explained in terms of the impact on the quality of the investigation.

Specific outcome 3

Conduct post-investigation activities.

- Reports are completed in the required formats in accordance with prescribed requirements.
- Reports are submitted and communicated to relevant designated persons in accordance with prescribed requirements.
- Physical evidence gathered during the investigation is processed according to prescribed requirements.
- Resources used during investigations are processed according to specified requirements.

Learning assumed to be in place

Learners accessing this qualification will have demonstrated competence in:

- Communication at NQF level 1 or equivalent.
- Mathematical literacy at NQF level 1 or equivalent.

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Title: OHS Management Liabilities and Appointments

This programme is aligned to the following Unit Standard:

Knowledge and application of the Occupational, Health and Safety Act, 85 of 1993 (OHSA) and the responsibilities of management in terms of the Act. US ID: 242668, NQF LVL: 4, CREDITS 4

US ID: 242668

NQF Level: 4

NQF Credits: 4

Duration: 2 Days

Purpose of the unit standard

This Unit Standard is intended for all managers who should know the requirements of the Occupational Health and Safety Act (OHSA) and the consequences of non-compliance. It will be useful for managers at all levels as well as safety and security officers, compliance officers and learners in commercial and industrial insurance.

The qualifying learner is capable of:

At the end of programme learners will be able to:

- Explaining the basic principles of the Act and accompanying Regulations.
- Explaining the requirements for minimum compliance stipulated in the Act.
- Interpreting the management controls required to achieve compliance.
- Explaining the obligations of managers in terms of communication and training.

Specific outcome 1

Explain the basic principles of the Act and the accompanying Regulations

- Introduction to the ACT
- General duties of the employers towards employees
- Employers responsibilities towards visitors, public and contractors
- General duties of manufactures, designers, importers, sellers or suppliers regarding the use of articles and substance at work
- Listed works
- The employee has the right to know
- General duties of the employee
- Duty not to interfere with or misuse objects
- Chief Executives Officer charged with certain duties
- Health and Safety Representatives & Committees
- Deductions
- Report to the Chief Inspector regarding Occupational Diseases
- Co-operation with the inspector
- Prosecutions

Specific outcome 2

Explain the requirements for minimum compliance stipulated in the ACT

- General Safety regulations
- First Aid, Emergency equipment and procedures
- Minimum contents of a first Aid box
- Hazardous Chemical substance Regulations, 1996
- Medical surveillance

Specific outcome 3

Interpret the Management controls required to achieve compliance

- Internal responsibility system
- Internal responsibility for Health and Safety
- Legislated duties
- Workplace inspections
- Risk control measures

Specific outcome 4

Explain the obligations of managers in terms of communication & training

- Legislated duties
- The need for procedures
- Identify workplace hazards
- Organisational issues

Learning assumed to be in place

It is assumed that learners are competent in Communication and Mathematical Literacy at Level 3.

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Title: Perform basic fire fighting

US ID: 12484
NQF Level: 2
NQF Credits: 4
Duration: 1 Day

Purpose of the unit standard

Qualifying learners can select and use the appropriate firefighting equipment to extinguish or control fires in the workplace.

Credited learners are capable of:

- Discuss and explain procedures for dealing with fires in the workplace
- Identify the type of fire, its context and select the appropriate firefighting procedure
- Identify, select and check appropriate fire fighting and safety equipment
- Fight containable/extinguishable fires
- Retreat from fire site and hand over to appropriate personnel
- Report/record status of fire and equipment

Specific outcome 1

Discuss and explain procedures for dealing with fires in the workplace

- An understanding of procedures for dealing with fires in the workplace is demonstrated.
- Fires are contained and/or extinguished.
- The fire and/or the site are handed over to the appropriate personnel.
- Reports on status of fire and equipment are completed.

Specific outcome 2

Identify the type of fire, its context and select the appropriate firefighting procedure

- An understanding of procedures for dealing with fires in the workplace is demonstrated.
- Fires are contained and/or extinguished.
- The fire and/or the site are handed over to the appropriate personnel.
- Reports on status of fire and equipment are completed.

Specific outcome 3

Identify, select and check appropriate firefighting and safety equipment

- An understanding of procedures for dealing with fires in the workplace is demonstrated.
- Fires are contained and/or extinguished.
- The fire and/or the site are handed over to the appropriate personnel.
- Reports on status of fire and equipment are completed.

Specific outcome 4

Fight containable/extinguishable fires

- An understanding of procedures for dealing with fires in the workplace is demonstrated.
- Fires are contained and/or extinguished.
- The fire and/or the site are handed over to the appropriate personnel.
- Reports on status of fire and equipment are completed.

Specific outcome 5

Retreat from fire site and hand over to appropriate personnel

- An understanding of procedures for dealing with fires in the workplace is demonstrated.
- Fires are contained and/or extinguished.
- The fire and/or the site are handed over to the appropriate personnel.
- Reports on status of fire and equipment are completed.

Specific outcome 6

Report/record status of fire and equipment

- An understanding of procedures for dealing with fires in the workplace is demonstrated.
- Fires are contained and/or extinguished.
- The fire and/or the site are handed over to the appropriate personnel.
- Reports on status of fire and equipment are completed.

Learning assumed to be in place

This unit standard has been designed as part of a progression. It is one of a series of unit standards for safety, health and environmental protection in the field of manufacturing and engineering.

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Title: Demonstrate basic knowledge and understanding of emergency preparedness and response
(Evacuation Warden/Fire Marshall and Evacuation Procedures)

US ID: 116533
NQF Level: 2
NQF Credits: 2
Duration: 1 Day

Purpose of the unit standard

This unit standard requires learners to demonstrate basic knowledge and understanding of emergency preparedness and response.

Credited learners are capable of:

- Discuss different types of emergencies that may be encountered in a workplace
- Explaining emergency preparedness and demonstrating response appropriate to the situation

Specific outcome 1

Discuss different types of emergencies that may be encountered in a workplace.

- Different types of emergencies that may be encountered in a workplace are listed and are according to specified requirements.
- Effects that these emergencies in the workplace may have on worker health and safety is described in accordance with specified requirements.
- The purpose of warning, mandatory, statutory and informative signs is explained and is according to specified requirements.
- The importance of adhering to the symbolic signs is explained in terms of the consequences to health, safety and production.

Specific outcome 2

Explaining emergency preparedness and demonstrating response appropriate to the situation.

- Explanation of immediate personal action to be taken, in the event of an emergency, is in accordance with specified requirements.
- Emergency preparedness is explained in terms of specified requirements.
- Explanation of restricted and confined areas, traveling ways and escape routes is according to specified requirements.
- Demonstrations of actions to be taken during prescribed situations confirm understanding of specified requirements.

Learning assumed to be in place

The Unit Standard outcomes and credits are based on the assumption that learners attempting this Unit Standard can already read, write and communicate at ABET 3 or equivalent.

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Title: Carry out basic first aid treatment in the workplace

(For Professional Driving Qualification First Aid Level 1)

US ID: 116534

NQF Level: 3

NQF Credits: 2

Duration: 2 Day

Purpose of the unit standard

This unit standard is for persons who are responsible to apply first aid in a working place.

Credited learners are capable of:

- Prioritise casualties and treat
- Assess the accident scene of the incident, make safe and report
- Describe first aid equipment and procedures, and explain their basic application

Specific outcome 1

Describe first aid equipment and procedures, and explain their basic application.

- The description identifies the dressings and bandages and their application to the specific condition of the injuries in accordance to specific requirements.
- Equipment used in the treatment of the casualty or condition is correctly identified, and the application described according to accepted first aid practice and design specifications.
- Personal protective devices for use during treatment of casualties are identified and their purpose and application accurately described and explained.
- The methods for treating injuries and illnesses are described according to international emergency care practice. The correct use and application of equipment with reference to the type of injury/illness sustained are explained.
- The importance of applying methods and procedures is explained with reference to the basic functioning of the body.

Specific outcome 2

Assess the accident scene of the incident, make safe and report.

- Workplace hazards and risks are identified. Actions are taken to make safe, and are appropriate to the urgency of the situation and the nature of the hazard or risk according to standard first aid and safety practice.
- Specific hazards and risks associated with the particular incident are identified. Preventative measures are consistent with accepted health and safety practice and particular situational requirements.
- The reporting of the accident/incident to the designated person/s is done in such a way that the nature of incident and support requirements is clearly conveyed.
- The importance of assessing, making safe and reporting is explained with reference to the actual or potential worsening of the incident and working place safety.

Specific outcome 3

Prioritise casualties and treat.

- The first assessment of the scene and prioritising of casualties is in line with accepted Triage principles.
- People willing and able to assist are identified and tasks assigned according to priority and sound first aid principles.
- The examination is thorough, and accurately determines the nature and severity of the casualty in accordance with sound first aid principles.
- The treatment is consistent with the urgency of the situation, and the nature and severity of the casualty, and aseptic principles.
- The casualty's condition is closely monitored and treatment adjusted as required in the light of vital signs and condition.
- The first aid method applied promotes recovery, and prevent worsening of the condition in accordance with sound first aid principles.
- Reports on the actions taken are clear and promote effective further treatment by emergency support and trained professionals.
- Details of the incident and treatment undertaken are complete and accurately recorded in the prescribed format.

Learning assumed to be in place

Communications at NQF Level 1, or equivalent competence

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Title: Provide first aid as an advanced first responder
First Aid Level 1 (2 Days) Approved by DOL
First Aid Level 2 (3 Days) Approved by DOL
First Aid Level 3 (5 Days) Approved by DOL (DOL Approval No. CI375/3/12/1)

US ID: 376480
NQF Level: 3
NQF Credits: 8
Duration: 5 Days

Purpose of the unit standard

This unit standard is to enable the first responder to react to emergencies at an advanced first aid level, until the arrival of more professional emergency personnel.

Credited learners are capable of:

- Explaining the principles of advanced first aid in emergencies.
- Demonstrating an advanced level of preparedness to deal with sudden illness or emergency.
- Assessing and managing an emergency scene/disaster.
- Describing the anatomy and explaining the physiology of the human body systems in terms of injury or sudden illness.
- Applying primary first aid for all age groups according to accepted current first aid protocols.
- Explaining and managing shock.

Specific outcome 1

Explain the principles of advanced first aid in emergencies.

- The aims of emergency care are identified and explained in terms of ethics and scope of practice.
- Universal precautions taken during treatment of sick and injured are explained and demonstrated.
- The specific medico-legal implications in emergencies are described in terms of current relevant legislation.

Specific outcome 2

Demonstrate an advanced level of preparedness to deal with sudden illness or emergency.

- The regulated first aid and identified additional equipment is described and demonstrated in accordance with the specific identified needs.
- First aid emergency equipment is stored and maintenance is described and demonstrated according to required specifications and accessibility for use.
- Stored first aid emergency equipment is regularly checked and maintained.

Specific outcome 3

Assess and manage an emergency scene/disaster.

- Potential disasters are identified in terms of their probability of occurrence in a specified area.
- The principles and implementation methods of the situational disaster management plans are explained in terms of establishment, activation and maintenance.
- The potential health hazards that may result from an emergency scene/disaster are identified, assessed and required actions are explained.
- The method of triage and treatment is explained in accordance with the current, accepted protocols.
- Mobilisation activities for emergency services, relevant to the place of occurrence and the specific needs are identified and explained.
- Secondary patient assessment and ongoing care is explained and demonstrated.

Specific outcome 4

Describe the anatomy and explain the physiology of the human body systems in terms of injury and sudden illness.

- Anatomy of the various human body systems is described in accordance with accepted terminology.
- The macro physiology of the various organs is explained in accordance with accepted terminology.
- Disorders and/or diseases relevant to a specified area are identified and described according to signs and first aid management.

Specific outcome 5

Apply primary first aid life support for adults, children and infants according to accepted current protocols.

- Primary survey is conducted; signs and symptoms are identified and recorded in terms of required protocols.
- Methods of managing airway obstruction/choking are demonstrated.
- One/two rescuer CPR is explained and demonstrated with the use of barrier ventilation devices, utilizing appropriately sized manikins.
- Recovery positions are demonstrated with and without a spinal board and spider harness in accordance with the safety and comfort of the patient.
- The patient is transported according to the injury, disorder or condition of the patient/s and available means of transport.
- Oxygen therapy is demonstrated and the dangers of open oxygen are explained.
- Pulse sites and pulse monitoring are explained and demonstrated in terms of monitoring of the condition of the patient.

Specific outcome 6

Explain the causes of shock and the emergency treatment thereof.

- The signs of shock are identified and explained.
- The emergency treatment of shock is described and demonstrated according to the symptoms presented.

Learning assumed to be in place

Communication at NQF Level 2.

Mathematical literacy at NQF Level 2.

The Unit Standards:

- ID 120496: Provide risk-based primary emergency care/first aid in the workplace.
- ID: 260597: Provide information about HIV and AIDS and treatment options in community care and support situations.

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Title: Apply knowledge of HIV/AIDS to a specific business sector and a workplace

**(US 114941 for Professional Driving Qualification)
(US 244574 for Single Short Learning Programme)**

US ID: 114941, 244574

NQF Level: 3

NQF Credits: 4

Duration: 2 Days

Purpose of the unit standard

This unit standard provides a broad introduction to HIV/AIDS in the workplace. It introduces knowledge about HIV/AIDS that will enable learners to be informed and caring workers in an industry and managers to develop appropriate policies to deal with the pandemic. The focus is knowledge, skills, values and attitudes in relation to the learner and management with a view to creating a caring environment in the workplace and the community.

Credited learners are capable of:

- Explaining HIV/AIDS.
- Describing what behaviour is safe and what behaviour carries the risk of HIV/AIDS transmission.
- Interpreting data and trends on HIV/AIDS in order to explain the potential impact on a community, an organisation and a business sector.
- Investigating the guidelines and assistance that are available to support workers affected by HIV/AIDS.
- Explaining the implications of the HIV/AIDS pandemic for the community, the economy, an organisation and a specific workplace.

Specific outcome 1

Explain HIV and Aids.

- The concepts HIV and AIDS are known and explained at a basic level of understanding.
- The way in which the immune system works is explained with reference to the role of antibodies and how HIV attacks the immune system.
- The concept of a window period is explained and an indication is given of how this affects the accuracy of test results.
- The impact of opportunistic infections on the compromised immune system is explained with examples.
- The stages of the disease are outlined with an example of what happens at each stage from infection with HIV to full-blown AIDS and death.
- The ways in which HIV is transmitted are discussed with examples.

Specific outcome 2

Describe what behaviour is safe and what behaviour carries the risk of HIV transmission.

- The chances of a person surviving with AIDS
- The relationship between human behaviour and HIV/AIDS
- Examples of behaviour that carry a risk of contracting HIV/AIDS are named and classified according to whether they carry a high, medium or low risk.
- Situations that have a potential to spread HIV/AIDS in the workplace are discussed and rated in terms of high, medium and low risk.
- Fears and common misunderstandings about the transmission of HIV are described in the context of the workplace.

Specific outcome 3

Interpret data and trends in HIV/AIDS in order to explain the potential impact.

- Sources of data on HIV/AIDS are identified and appropriate statistics are accessed for a specific organisation.
- Regional data is interpreted in order to identify trends.
- Regional data is applied to a specific sector or industry.
- The potential impact of HIV/AIDS on an organisation is inferred from regional and sector data.

Specific outcome 4

Investigate the guidelines & assistance that are available to support workers affected by HIV/AIDS.

- A company policy on HIV/AIDS or the National Department of Health's document Guidelines for developing a workplace policy and programme is presented graphically.
- The possible problems that a worker with HIV/AIDS could encounter are listed
- The importance of employers playing a proactive role in addressing the AIDS pandemic
- The availability of HIV/AIDS prevention and wellness programmes
- Legislation that relates to HIV/AIDS in the workplace is identified and an indication is given of the consequences of non-compliance.
- The Universal Precautions are known and applied in the work environment.
- The concept of Voluntary Counselling and Testing (VCT) is explained with reference to the role of two different tests.
- The effects of HIV infection are explained including the ability of infected persons to perform work
- The importance of pre and post-test counselling

Specific outcome 5

Explain the implications of the HIV/AIDS pandemic.

- The effect of a population composed mainly of children and the aged on the economy and the State is outlined with examples.
- The need for medical care for people with HIV/AIDS and the implications for employers and the State are discussed with examples.
- The effect of HIV/AIDS on the workforce and family income is discussed with examples.
- The implications of HIV/AIDS for an organisation and a specific workplace are discussed with reference to revenue generation, absenteeism, productivity, Human Resource policies and programmes, employment practices, mechanisation, staff turnover and cost of health care.

Learning assumed to be in place

It is assumed that learners are competent in Communication at NQF Level 1.

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Purpose of the unit standard

This Unit Standard requires learners to be able to identify and deal with workplace hazardous substances. Learners credited with this Unit Standard are capable of:

- Describing the legal and specified requirements for identifying and dealing with workplace hazardous substances
- Identifying workplace hazardous substances in specified contexts
- Identifying risks associated with hazardous substances in specified contexts
- Controlling hazardous substances in specified contexts

Credited learners are capable of:

- This Unit Standard requires learners to be able to identify and deal with workplace hazardous substances. Learners credited with this Unit Standard are capable of:
- Describing the legal and specified requirements for identifying and dealing with workplace hazardous substances
- Identifying workplace hazardous substances in specified contexts
- Identifying risks associated with hazardous substances in specified contexts
- Controlling hazardous substances in specified contexts

Specific outcome 1

Describe the legal and specified requirements for identifying and dealing with workplace hazards.

- Description of the specified requirements of what hazardous substances are, is appropriate for specific contexts
- Description of specified requirements for correctly identifying and dealing with the various hazardous substances is relevant for specified contexts

Specific outcome 2

Identify workplace hazardous substances in specified contexts.

- Description of the characteristics and dangers associated with hazardous substances, which might be encountered in specified contexts, is accurate
- The identification of workplace hazardous substances present is according to specified requirements
- The importance of correctly identifying and dealing with workplace hazardous substances is explained in terms of its consequences for health, safety, environment and production
- The identification of and dealing with hazardous substances is conducted in a manner that fosters teamwork and avoids conflict

Specific outcome 3

Identify risks associated with workplace hazardous substances in specified contexts.

- The evaluation of the risks associated with workplace hazardous substances encountered meets specified requirements
- The identification of and dealing with the possible exposure of persons to hazards associated with hazardous substances meets specified requirements

Specific outcome 4

Control workplace hazardous substances in specified contexts.

- Verification confirms that the storage of hazardous substances is according to specified requirements
- Handling, labelling, usage and disposal practices meet specified requirements
- Selection of control measures to minimize exposure is appropriate for specified contexts and is according to specified requirements
- Explanation of workplace emergency preparedness plans complies with specified requirements
- Communication and reporting actions confirms that appropriate control measures are taken according to specified requirements
- The importance of complying with measures to control hazardous substances is explained in terms of the consequences for health, safety, environment and production
- Control of hazardous substances is conducted in a manner that fosters teamwork and avoids conflict

Learning assumed to be in place

Credits were assigned to this Unit Standard based on the assumption that learners can read, write and communicate in one of the official languages at NQF Level 2, and are mathematically literate at NQF Level 2 or equivalent.



Title: Operate a pendant controlled overhead crane (C30)

US ID: 116235

NQF Level: 2

NQF Credits: 5

Duration: 5 Days (Novice)

1 Day (Refresher)

Maximum of 4 learners per class/group as per the **National Code of Practice.**

Purpose of the unit standard

Demonstrating an integrated practical and theoretical grounding in Crane Operations according to safe handling and maintenance practices in compliance with crane manufacturers and legislated standards

Credited learners are capable of:

- Operate a pendant controlled overhead crane
- Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane
- Identify the safety and suitability of the crane
- Demonstrate knowledge of the functions of a pendant controlled overhead crane

Specific outcome 1

Demonstrate knowledge of the functions of a pendant controlled overhead crane.

- The main functions of Pendant Controlled Overhead Cranes are explained in terms of manufacturer's specifications.
- The operation of all major components is explained in terms of their functions.
- All safety features and warning devices on the crane are identified, and their purposes explained in accordance with manufacturer's specifications.
- The maximum operating capacities are explained in terms of the designed crane capabilities.
- Warnings from crane indicators and gauges are explained according to manufacturer's specifications.
- Corrective actions are described or demonstrated in terms of neutralising warnings received.

Specific outcome 2

Identify the safety and suitability of the crane.

- Demonstrate the ability to identify the suitability of the crane prior to utilisation
- Demonstrate ability to assess operational capability of lifting equipment (e.g. correct SWL of slings etc).
- Demonstrate an understanding of the influence of load/range characteristics, manufacturers' requirements and environmental conditions.
- Demonstrate an understanding of what constitutes safety in the broader working environment, and when operating a Pendant Controlled Overhead crane in compliance with statutory regulations.

Specific outcome 3

Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane.

- Pre-operational checks are carried out according to appropriate checklist.
- Daily and weekly operator maintenance is performed according to the appropriate post-operational checklist and recordkeeping using a logbook
- Checklist is completed according to worksite procedures and corrective action taken if required, ensuring compliance with manufacturer's specifications.
- Appropriate measures used to rectify and/or prevent basic faults and defects in the mechanical function

Specific outcome 4

Operate a pendant controlled overhead crane.

- The purpose of the various controls is explained in accordance with their designed use.
- Functions of the various controls are demonstrated in accordance with the manufacturer's specifications.
- Controls are used to effectively manoeuvre the crane within manufacturer's specifications.
- Safe working procedures are followed according to manufacturer's specifications, site specific and statutory requirements.
- Crane performance is monitored and corrective action is taken when necessary, in accordance with manufacturer's manual.
- Crane is operated without risk of damage or loss to Crane or property, or injury to people.
- Hazards specific to operating a Pendant Controlled Overhead Crane and ways to minimise these
- Start-up and shutdown procedures are followed according to manufacturer's manual
- Crane is parked according to manufacturer's and company / site requirements.

Learning assumed to be in place

- NQF Level 1 Numeracy and NQF Level 1 Literacy
- The operator should be declared physically fit and have completed an optometrist's certificate confirming the learner has adequate day, night vision, and depth perception.
- Provided that a valid Professional Driver's Permit can also be accepted in lieu of the optometrist certificate and physical fitness of the learner to undergo the intended training
- All learners of whatever status must be physically capable of performing without difficulty the tasks involved in operating the lifting machine/equipment for which they are to receive training or re-certification training and are at least 18 years of age.
- Recertification: One (1) Day provided the re-certification route for an expired certificate is only applicable if the original certificate expired within a maximum period of 90 calendar days.

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Title: Operate a cab controlled overhead crane (C31)

US ID: 116231

NQF Level: 2

NQF Credits: 8

Duration: 5 Days (Novice)

1 Day (Refresher)

Maximum of 4 learners per class/group as per the National Code of Practice.

Purpose of the unit standard

Demonstrating an integrated practical and theoretical grounding in Crane Operations according to safe handling and maintenance practices in compliance with crane manufacturers and legislated standards

Credited learners are capable of:

- Demonstrate knowledge of the functions of a cab controlled overhead crane.
- Identify the safety and suitability of the crane.
- Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane.
- Operate a cab controlled overhead crane.

Specific outcome 1

Demonstrate knowledge of the functions of a cab controlled overhead crane.

- The main functions of Cab Controlled Overhead Cranes are explained in terms of manufacturer's specifications.
- The operation of all major components is explained in terms of their functions
- All safety features and warning devices on the crane are identified, and their purposes explained in accordance with manufacturer's specifications
- The maximum operating capacities are explained in terms of the designed crane capabilities
- Warnings from crane indicators and gauges are explained according to manufacturer's specifications
- Corrective actions are described or demonstrated in terms of neutralising warnings received

Specific outcome 2

Identify the safety and suitability of the crane.

- Demonstrate the ability to identify the suitability of the crane prior to utilisation
- Demonstrate ability to assess operational capability of lifting equipment (e.g. correct SWL of slings etc).
- Demonstrate an understanding of the influence of load/range characteristics, manufacturers' requirements and environmental conditions.
- Demonstrate an understanding of what constitutes safety in the broader working environment, and when operating a Cab Controlled Overhead crane in compliance with statutory regulations.

Specific outcome 3

Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane.

- Pre-operational checks are carried out according to appropriate checklist.
- Daily and weekly operator maintenance is performed according to the appropriate post-operational checklist and recordkeeping using a logbook
- Checklist is completed according to worksite procedures and corrective action taken if required, ensuring compliance with manufacturer's specifications.
- Appropriate measures used to rectify and/or prevent basic faults and defects

Specific outcome 4

Operate a cab controlled overhead crane.

- The purpose of the various controls is explained in accordance with their designed use.
- Functions of the various controls are demonstrated in accordance with the manufacturer's specifications.
- Controls are used to effectively manoeuvre the crane within manufacturer's specifications.
- Safe working procedures are followed according to manufacturer's specifications, site specific and statutory requirements.
- Crane performance is monitored and corrective action is taken when necessary, in accordance with manufacturer's manual.
- Crane is operated without risk of damage or loss to Crane or property, or injury to people.
- Hazards specific to operating a Cab Controlled Overhead Crane's and ways to minimize these.
- Start-up and shutdown procedures are followed according to manufacturer's manual
- Crane is parked according to manufacturer's and company / site requirements.

Learning assumed to be in place

- NQF Level 1 Numeracy and NQF Level 1 Literacy
- The operator should be declared physically fit and have completed an optometrist's certificate confirming the learner has adequate day, night vision, and depth perception.
- Provided that a valid Professional Driver's Permit can also be accepted in lieu of the optometrist certificate and physical fitness of the learner to undergo the intended training
- All learners of whatever status must be physically capable of performing without difficulty the tasks involved in operating the lifting machine/equipment for which they are to receive training or re-certification training and are at least 18 years of age.
- Recertification: One (1) Day provided the re-certification route for an expired certificate is only applicable if the original certificate expired within a maximum period of 90 calendar days.

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Title: Operate a truck mounted loader crane (C32)

US ID: 116253, 242978

NQF Level: 2

NQF Credits: 20

Duration: 5 Days (Novice)

1 Day (Refresher)

Maximum of 4 learners per class/group as per the **National Code of Practice.**

Purpose of the unit standard

Demonstrating an integrated practical and theoretical grounding in Crane Operations according to safe handling and maintenance practices in compliance with crane manufacturers and legislated standards

Credited learners are capable of:

- Operate truck mounted loader crane
- Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane
- Identify the safety and suitability of the crane
- Demonstrate knowledge of the functions of a truck mounted loader crane

Specific outcome 1

Demonstrate knowledge of the functions of a truck mounted loader crane.

- The main functions of Truck Mounted Loader Cranes are explained in terms of manufacturer's specifications.
- The operation of all major components is explained in terms of their functions.
- All safety features and warning devices on the crane are identified, and their purposes explained in accordance with manufacturer's specifications.
- The maximum operating capacities are explained in terms of the designed crane capabilities.
- Warnings from crane indicators and gauges are explained according to manufacturer's specifications.
- Corrective actions are described or demonstrated in terms of neutralising warnings received.

Specific outcome 2

Identify the safety and suitability of the crane.

- Demonstrate the ability to identify the suitability of the crane prior to utilisation
- Demonstrate ability to assess operational capability of lifting equipment (e.g. correct SWL of slings etc).
- Demonstrate an understanding of the influence of load/range characteristics, manufacturers' requirements and environmental conditions.
- Demonstrate an understanding of what constitutes safety in the broader working environment, and when operating a Truck Mounted Loader Crane in compliance with statutory regulations.

Specific outcome 3

Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane.

- Pre-operational checks are carried out according to appropriate checklist.
- Daily and weekly operator maintenance is performed according to the appropriate post-operational checklist and recordkeeping
- Checklist is completed according to worksite procedures and corrective action taken if required, ensuring compliance with manufacturer's specifications.
- Appropriate measures used to rectify and/or prevent basic faults and defects

Specific outcome 4

Operate truck mounted loader crane.

- The purpose of the various controls is explained
- Controls are used to effectively manoeuvre the crane within manufacturer's specifications.
- Safe working procedures are followed according to manufacturer's specifications
- Crane performance is monitored and corrective action is taken when necessary
- Crane is operated without risk of damage or loss to machine or property, or injury to people.
- Hazards specific to operating Truck Mounted Loader Crane's and ways to minimise these
- Start-up and shutdown procedures
- Truck Mounted Loader Crane is parked according to manufacturer's and company requirements.

Learning assumed to be in place

- NQF Level 1 Numeracy and NQF Level 1 Literacy
- The operator should be declared physically fit and have completed an optometrist's certificate confirming the learner has adequate day, night vision, and depth perception.
- Provided that a valid Professional Driver's Permit can also be accepted in lieu of the optometrist certificate and physical fitness of the learner to undergo the intended training
- All learners of whatever status must be physically capable of performing without difficulty the tasks involved in operating the lifting machine/equipment for which they are to receive training or re-certification training and are at least 18 years of age.
- Hold an appropriate driver's license to operate vehicle on a public road.
- Recertification: One (1) Day provided the re-certification route for an expired certificate is only applicable if the original certificate expired within a maximum period of 90 calendar days.

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Title: Operate a mobile crane
Hydraulic Mobile Cranes up to 50 000 kg
(C33, C34, C37, C38, C43)

US ID: 116254
NQF Level: 2
NQF Credits: 20
Duration: 5 Days (Novice)
1 Day (Refresher)

Maximum of 4 learners per class/group as per the **National Code of Practice**.

Purpose of the unit standard

Demonstrating an integrated practical and theoretical grounding in crane operations according to safe handling and maintenance practices in compliance with crane manufacturers and legislated standards

Credited learners are capable of:

- Demonstrate knowledge of the functions of a mobile crane
- Identify the safety and suitability of crane
- Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane
- Operate mobile crane

Specific outcome 1

Demonstrate knowledge of the functions of a mobile crane.

- The main functions of Mobile Cranes are explained in terms of manufacturer's specifications.
- The operation of all major components is explained in terms of their functions.
- All safety features and warning devices on the crane are identified, and their purposes explained in accordance with manufacturer's specifications.
- The maximum operating capacities are explained in terms of the designed crane capabilities.
- Warnings from crane indicators and gauges are explained according to manufacturer's specifications.
- Corrective actions are described or demonstrated in terms of neutralising warnings received.

Specific outcome 3

Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane.

- Pre-operational checks are carried out according to appropriate checklist.
- Daily and weekly operator maintenance is performed according to the appropriate post-operational checklist and recordkeeping using a logbook.
- Checklist is completed according to worksite procedures and corrective action taken if required, ensuring compliance with manufacturer's specifications.
- Appropriate measures used to rectify and/or prevent basic faults and defects in the mechanical function of the crane are identified.

Specific outcome 2

Identify the safety and suitability of crane.

- Demonstrate the ability to identify the suitability of the crane prior to utilisation.
- Demonstrate ability to assess operational capability of lifting equipment (e.g. correct SWL of slings etc).
- Demonstrate an understanding of the influence of load/range characteristics, manufacturers' requirements and environmental conditions.
- Demonstrate an understanding of what constitutes safety in the broader working environment, and when operating a Mobile crane in compliance with statutory regulations.

Specific outcome 4

Operate mobile crane.

- The purpose of the various controls is explained in accordance with their designed use.
- Controls are used to effectively manoeuvre the crane within manufacturer's specifications.
- Safe working procedures are followed according to manufacturer's specifications
- Crane performance is monitored and corrective action is taken when necessary, in accordance with manufacturer's specifications.
- Crane is operated without risk of damage or loss to machine or property, or injury to people.
- Hazards specific to operating Mobile Crane's and ways to minimise these are explained in terms of potential damage to machine and property, and injury to people.
- Start-up and shutdown procedures are followed according to manufacturer's specifications.
- Crane is set up according to manufacturer's and company requirements.

Learning assumed to be in place

- NQF Level 1 Numeracy and NQF Level 1 Literacy
- The operator should be declared physically fit and have completed an optometrist's certificate confirming the learner has adequate day, night vision, and depth perception.
- Provided that a valid Professional Driver's Permit can also be accepted in lieu of the optometrist certificate and physical fitness of the learner to undergo the intended training
- All learners of whatever status must be physically capable of performing without difficulty the tasks involved in operating the lifting machine/equipment for which they are to receive training or re-certification training and are at least 18 years of age.
- Hold an appropriate driver's license to operate crane on a public road.
- Recertification: One (1) Day provided the re-certification route for an expired certificate is only applicable if the original certificate expired within a maximum period of 90 calendar days.

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Title: Operate a tower crane
C41 Top Slewing
C42 Bottom Slewing

US ID: 116255
NQF Level: 2
NQF Credits: 20
Duration: 5 Days (Novice)
1 Day (Refresher)

Maximum of 4 learners per class/group as per the **National Code of Practice.**

Purpose of the unit standard

Demonstrating an integrated practical and theoretical grounding in crane operations according to safe handling and maintenance practices in compliance with crane manufacturers and legislated standards

Credited learners are capable of:

- Demonstrate knowledge of the functions of a tower crane
- Identify the safety and suitability of crane
- Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane
- Operate tower crane

Specific outcome 1

Demonstrate knowledge of the functions of a tower crane.

- The main functions of Tower cranes are explained in terms of manufacturer's specifications.
- The operation of all major components is explained in terms of their functions.
- All safety features and warning devices on the crane are identified, and their purposes explained in accordance with manufacturer's specifications.
- The maximum operating capacities are explained in terms of the designed crane capabilities.
- Warnings from crane indicators and gauges are explained according to manufacturer's specifications.
- Corrective actions are described or demonstrated in terms of neutralising warnings received.

Specific outcome 3

Apply the recognised methods for inspecting and recording the operational fitness of all components of the crane.

- Pre-operational checks are carried out according to appropriate checklist.
- Daily and weekly operator maintenance is performed according to the appropriate post-operational checklist and recordkeeping using a logbook.
- Checklist is completed according to worksite procedures and corrective action taken if required, ensuring compliance with manufacturer's specifications.
- Appropriate measures used to rectify and/or prevent basic faults and defects in the mechanical function of the crane are identified.

Specific outcome 2

Identify the safety and suitability of crane.

- Demonstrate the ability to identify the suitability of the crane prior to utilisation.
- Demonstrate ability to assess operational capability of lifting equipment (e.g. correct SWL of slings etc).
- Demonstrate an understanding of the influence of load/range characteristics, manufacturers' requirements and environmental conditions.
- Demonstrate an understanding of what constitutes safety in the broader working environment, and when operating a Tower crane in compliance with statutory regulations.

Specific outcome 4

Operate tower crane.

- The purpose of the various controls is explained in accordance with their designed use.
- Controls are used to effectively manoeuvre the crane within manufacturer's specifications.
- Safe working procedures are followed according to manufacturer's specifications
- Crane performance is monitored and corrective action is taken when necessary, in accordance with manufacturer's specifications.
- Crane is operated without risk of damage or loss to machine or property, or injury to people.
- Hazards specific to operating Tower crane's and ways to minimise these are explained in terms of potential damage to machine and property, and injury to people.
- Start-up and shutdown procedures are followed according to manufacturer's specifications.
- Crane is set up according to manufacturer's and company requirements.

Learning assumed to be in place

- NQF Level 1 Numeracy and NQF Level 1 Literacy
- The operator should be declared physically fit and have completed an optometrist's certificate confirming the learner has adequate day, night vision, and depth perception.
- Provided that a valid Professional Driver's Permit can also be accepted in lieu of the optometrist certificate and physical fitness of the learner to undergo the intended training
- All learners of whatever status must be physically capable of performing without difficulty the tasks involved in operating the lifting machine/equipment for which they are to receive training or re-certification training and are at least 18 years of age.
- Hold an appropriate driver's license to operate crane on a public road.
- Recertification: One (1) Day provided the re-certification route for an expired certificate is only applicable if the original certificate expired within a maximum period of 90 calendar days.

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Title: Operate counter-balanced lift truck
(F1 – F4)

US ID: 242974
NQF Level: 3
NQF Credits: 7
Duration: 5 Days (Novice)
1 Day (Refresher)

Maximum of 4 learners per class/group as per the **National Code of Practice**.

Purpose of the unit standard

The person credited with this Unit Standard is able to operate a counter-balanced lift truck in a safe manner. They will also be able to conduct pre and post inspections to ensure the performance of the lift truck. The person will be able to handle the loading and storage of freight by using the equipment and its accessories in the required manner.

Credited learners are capable of:

- Applying the recognised methods for inspecting and recording the operational fitness of all components of the lift truck
- Identifying and classifying freight/loads taking into account documentation, packaging and labelling associated with the specific freight.
- Handling, loading and storing freight in accordance with industry standards environmental requirements, and with due consideration to inter alia the commodities and their properties, storage area and placement of load.
- Achieving maximum work performance of lifting equipment and attachments, by applying knowledge of equipment dimensions, controls, principles of operation and capacities, manufacturing specifications and circumstances in the working environment.
- Operating equipment in accordance with laid down organisational and legislative standards and procedures as well as manufacturer's guidelines.
- Accessing available emergency support system and services in case of incidents and accidents.

Specific outcome 1

Apply the recognised methods for inspecting and recording the operational fitness of all components of the lift truck with reference to safety procedure in the workplace.

- Methods for inspecting the operational fitness of all components on the lift truck are described with examples.
- Pre and post inspections are conducted using the operations check-sheet.
- Basic faults and defects on the mechanical function of the lift truck are identified and recorded in the required format.

Specific outcome 2

Identify and classify freight/loads taking into account documentation, packaging and labelling associated with the specific freight.

- Freight/load types are identified and explained with examples.
- Freight/load documentation, packing and labelling requirements.
- Common freight codes, from a handling perspective
- Freight/loads are classified in accordance with organisational classification standards and procedures.

Specific outcome 3

Handle, load and store freight in accordance with industry standards, environmental requirements, and with due consideration to inter alia the commodities and their properties, storage area and placement of load.

- The reasons for selecting specific handling methods and attachments for particular commodities/freight are explained
- The reasons for selecting a particular piece of lifting equipment
- The specific selection of storage facilities for different freight.
- Freight/load is handled, loaded and stored.

Learning assumed to be in place

- NQF Level 1 Numeracy and NQF Level 1 Literacy
- The operator should be declared physically fit and have completed an optometrist's certificate confirming the learner has adequate day, night vision, and depth perception.
- Provided that a valid Professional Driver's Permit can also be accepted in lieu of the optometrist certificate and physical fitness of the learner to undergo the intended training
- All learners of whatever status must be physically capable of performing without difficulty the tasks involved in operating the lifting machine/equipment for which they are to receive training or re-certification training and are at least 18 years of age.
- Recertification: One (1) Day provided the re-certification route for an expired certificate is only applicable if the original certificate expired within a maximum period of 90 calendar days.

Specific outcome 4

Achieve maximum work performance of lifting equipment and attachments, by applying knowledge of equipment dimensions, controls, principles of operation and capacities, manufacturing specifications and circumstances in the working environment.

- The operating functions of the particular lift truck relevant for the job environment and environmental conditions and freight types
- Lifting equipment is evaluated and repair or replacement of parts is reported.
- The importance of applying a basic mechanical appreciation of the lifting equipment

Specific outcome 5

Operate equipment in accordance with laid down organisational and legislative standards and procedures as well as manufacturer's guidelines.

- The effect of the environment and equipment constraints on safe operating procedures and practices are explained
- Operating equipment is used in accordance with operation instructions, loading guidelines and legislative standards
- Corrective actions required to prevent dangerous situations arising are explained with examples.

Specific outcome 6

Access available emergency support systems and services in case of incidents and accidents.

- Support systems and emergency services are sourced in cases of incidents and accidents
- The most appropriate course of action to avoid a potential hazard is explained.

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Title: Meet the requirements in order to obtain a provisional licence

US ID: 243665
NQF Level: 2
NQF Credits: 15
Duration: 5 days

Purpose of the unit standard

Applicants who are preparing to obtain their learner driving licence require the skills, values and knowledge reflected in this unit standard. Learners who achieve this unit standard will demonstrate knowledge, relevance and meaning of road signs, markings and signals, rules of the road, controls of the motor vehicle and driver related issues.

Credited learners are capable of:

- Identify, categorise and qualify road signs, markings and signals.
- Explain specific rules of the road.
- Identify different controls of the vehicle and explain its uses.
- Explain driver responsibilities and duties in operating a vehicle.
- Obtain a provisional driving licence.

Specific outcome 1

Identify, categorise and qualify road signs, markings and signals.

- The relevant categories of road signs, markings and signals have been identified in accordance with signage.
- Road signs, markings and signals have been identified in accordance with specific licence code requirements.
- Individual road signs, markings and signals are identified and interpreted for appropriate driver action.
- The reasons for the use of particular road signs, markings and signals are explained and interpreted to reflect on its purpose.

Specific outcome 2

Explain specific rules of the road.

- The relevant rules of the road are explained in accordance with the National Road Traffic Act No 93 of 1996.
- The rules of the road have been identified in accordance with specific licence code requirements.
- The consequences of not adhering to road rules are reflected on to determine its impact on road safety.

Specific outcome 3

Identify different controls of the vehicle and explain its uses.

- Controls of specific categories of vehicle are identified in accordance with the National Road Traffic Act No 93 of 1996.
- The position of controls are identified according to location in specific makes and categories of vehicles.
- The function and purpose of controls are explained in relation to the safe driving/riding a motor vehicle.

Specific outcome 4

Explain driver responsibilities and duties in operating a vehicle.

- The safe operation of a motor vehicle is explained in accordance with the requirements of the system of vehicle control.
- The role of the driver is reflected on in relation to ensuring the roadworthiness of the vehicle.
- The duties and responsibilities of a driver is explained as determined by legislation.
- The requirements for mental and physical driver fitness are described in relation to legislation.

Specific outcome 5

Obtain a provisional driving licence.

- All road signs, markings and signals are categorised and qualified in accordance with the prescribed tests.
- The rules of the road are applied in accordance with the appropriate circumstances.
- The controls of the vehicle are identified in relation to its purpose.
- The responsibilities and the duties of a driver are identified in accordance with specific road traffic circumstances.

Learning assumed to be in place

Communication at NQF level 1 or equivalent.

Mathematical Literacy at NQF Level 1 or equivalent.

The typical scope of this unit standard

- Safe driving practice includes but is not limited to all road signs, markings and signals, legal requirements and positive attitude.
- Assessment of the learner shall be conducted in compliance with National Road Traffic Act No 93 of 1996.
- The terms driving, operating and riding are used as synonyms where applicable.
- The terms vehicle can refer to category of vehicle being motor cycle, light motor vehicle, heavy motor vehicle where applicable.
- The term road refers to any public road.
- The learner must meet the prescribed legal requirements.
- Code 1 refers to learner driving licence for motor cycles.
- Code 2 refers to learner driving licence for light motor vehicles.
- Code 3 refers to learner driving licence for heavy motor vehicles.

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Purpose of the unit standard

The purpose of learning is to ensure safe, professional operation of rigid (no articulation points) light vehicles with a gross vehicle mass below 3.5 tons. Credited learners can drive a specific type of rigid light vehicle in accordance with legal, safety, manufacturer and other relevant requirements and reflect on the manner in which the vehicle is operated. Competent drivers are able to preserve vehicles as assets, drive safely and defensively, and contribute significantly to the economy by transporting goods and/or passengers.

Credited learners are capable of:

- Preparing a rigid light vehicle for road transport trips according to specification.
- Driving a rigid light vehicle in accordance with specified requirements.
- Ensuring the maintenance of road transport service quality.
- Handling unexpected situations according to specified procedures.
- Reflecting on vehicle performance and own operation of vehicle against requirements.
- Parking rigid light vehicle in accordance with specified requirements.

Specific outcome 1

Prepare a rigid light vehicle for road transport trips according to specification.

- Vital rigid light vehicle components are inspected in a systematic way in order to comply with the relevant legislation.
- Rigid light vehicle inspection is recorded legibly and in accordance with operational requirements/specifications.
- All rigid light vehicle defects are identified and reported accurately, comprehensively and timeously, so that the necessary actions to rectify defects are initiated.
- All prescribed and or other relevant preliminaries are executed in terms legislative and organisational requirements.

Specific outcome 2

Drive a rigid light vehicle in accordance with specified requirements.

- Rigid light vehicle is driven and manoeuvred in accordance with the specified standard Range: K53.
- Rigid light vehicle is operated in accordance with manufacturer's specifications.
- Rigid light vehicle is driven and manoeuvred in accordance with legal provisions.
- Rigid light vehicle is driven to actively prevent accidents, injury to people or damage to property/vehicle, despite the incorrect actions of others or adverse conditions, by driving safely and in a defensive manner.

Specific outcome 3

Ensure the maintenance of road transport service quality.

- Time schedules are considered, implications for freight/passengers are established, and appropriate action is taken to ensure the maintenance of freight quality/passenger safety and comfort.
- The impact of load positioning on the stability of the rigid light vehicle is accurately described.
- Driving style is adapted in order to maintain freight quality/passenger safety and comfort during transportation.
- Organisational standards are adhered to with full consideration of safety and comfort factors and appropriate actions implemented to rectify problems are appropriate for specific contexts.

Learning assumed to be in place

It is assumed that learners have already attained NQF Level 2 Mathematical Literacy and Communication competence. It is also assumed that the learner can plan road transport service delivery.



Title: Operate a rigid heavy vehicle

US ID: 123253
NQF Level: 4
NQF Credits: 15
Duration: On Request

Purpose of the unit standard

The purpose of learning is to ensure safe, professional operation of rigid (no articulation points) heavy vehicles with a gross vehicle mass exceeding 3.5 tons. Credited learners can drive a specific type of rigid heavy vehicle in accordance with legal, safety, manufacturer and other relevant requirements and reflect on the manner in which the vehicle is operated. Competent drivers are able to preserve vehicles as assets, drive safely and defensively, and contribute significantly to the economy by transporting goods and/or passengers

Credited learners are capable of:

- Preparing a rigid heavy vehicle for road transport trips according to specification.
- Driving a rigid heavy vehicle in accordance with specified requirements.
- Ensuring the maintenance of road transport service quality.
- Handling unexpected situations according to specified procedures.
- Reflecting on rigid heavy vehicle performance and own operation of vehicle against requirements.
- Parking rigid heavy vehicle in accordance with specified requirements.

Specific outcome 1

Prepare a rigid heavy vehicle for road transport trips according to specification.

- Vital rigid heavy vehicle components are inspected in a systematic way in order to comply with the relevant legislation.
- Rigid heavy vehicle inspection is recorded legibly and in accordance with operational requirements/specifications.
- All rigid heavy vehicle defects are identified and reported accurately, comprehensively and timeously, so that the necessary actions to rectify defects are initiated.
- All prescribed and or other relevant preliminaries are executed as per organisational requirements.
- Preliminaries can include brake tests and start up procedures.

Specific outcome 2

Drive a heavy rigid vehicle in accordance with specified requirements.

- Rigid heavy vehicle is driven and manoeuvred in accordance with the specified standard Range: K53.
- Rigid heavy vehicle is operated and manoeuvred in accordance with manufacturer's specifications.
- Rigid heavy vehicle is driven and manoeuvred in accordance with legal provisions (The Road Traffic Act of 1993).
- Rigid heavy vehicle is driven to actively prevent accidents, injury to people or damage to property/vehicle, despite the incorrect actions of others or adverse conditions, by driving safely and in a defensive manner.

Specific outcome 3

Ensure the maintenance of road transport service quality.

- Time schedules are considered, implications for freight/passengers are established, and appropriate action is taken to ensure the maintenance of freight quality/passenger safety and comfort.
- The impact of load positioning on the stability of the rigid heavy vehicle is accurately described.
- Driving style is adapted in order to maintain freight quality/passenger safety and comfort during transportation.
- Organisational standards are adhered to with full consideration of safety and comfort factors and actions implemented to rectify problems are appropriate for specific contexts.

Specific outcome 4

Handle unexpected situations according to specified procedures.

- Rigid heavy vehicle and cab instruments are monitored for malfunctions and appropriate action is taken, where required.
- Driving is adapted to unexpected situations safely and according to specified procedures.
- Unexpected situations are reported according to operational procedures and legal requirements.
- Description of corrective actions to get freight/passengers to their destinations in the event of route deviations, delays experienced and breakdowns, as well as the company guidelines for consideration in selecting course of action are appropriate for specific contexts.

Specific outcome 5

Park rigid heavy vehicle in accordance with specified requirements.

- Rigid heavy vehicle is parked within designated or reserved areas in accordance with manufacturer specifications, traffic regulations and operational procedures.
- Rigid heavy vehicle is shut down in accordance with manufacturer specifications, traffic regulations and operational procedures.
- Rigid heavy vehicle is secured in accordance with manufacturer specifications, traffic regulations and operational procedures.
- Security and convenience factors are taken into account.

Learning assumed to be in place

It is assumed that learners have already attained NQF Level 2 Mathematical Literacy and Communication and Communication competence.

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Purpose of the unit standard

The purpose of learning is to ensure safe, professional operation of vehicle combinations with a gross vehicle mass exceeding 3.5 tons, and consisting of a drawing vehicle and trailer/s. Credited learners can drive a specific vehicle combination in accordance with legal, safety, manufacturer and other relevant requirements and reflect on the manner in which the vehicle is operated

Credited learners are capable of:

- Preparing a vehicle combination for road transport trips according to specification.
- Driving a vehicle combination in accordance with specified requirements.
- Ensuring the maintenance of road transport service quality.
- Handling unexpected situations according to specified procedures.
- Parking vehicle combination in accordance with specified requirements.
- Coupling and uncoupling a drawing vehicle and trailer/s according to specified procedures.

Specific outcome 1

Prepare a vehicle combination for road transport trips according to specification.

- Vital vehicle combination components are inspected
- Rigid heavy vehicle inspection is recorded legibly and in accordance with operational requirements/specifications.
- Vehicle combination defects are identified and reported accurately
- All prescribed and or other relevant preliminaries are executed.

Specific outcome 2

Drive a vehicle combination in accordance with specified requirements.

- Vehicle combination is driven and manoeuvred in accordance with the specified standard.
- Vehicle combination is driven in accordance with manufacturer's specifications and to actively prevent accidents, injury to people or damage to property/vehicle, despite the incorrect actions of others or adverse conditions, by applying defensive driving principles.
- Vehicle combination is driven and manoeuvred
- Vehicle combination is driven in a manner which takes cognisance of the articulation point/s.

Specific outcome 3

Ensure the maintenance of road transport service quality.

- Time schedules are considered, implications for freight/passengers are established
- The impact of load positioning on the stability of the vehicle combination is accurately described.
- The impact of additional trailers on the dynamics of the vehicle combination is explained
- Driving style is adapted in order to maintain freight quality/passenger safety and comfort during transportation.
- Organisational standards are adhered to

Specific outcome 4

Handle unexpected situations according to specified procedures.

- Vehicle and cab instruments are monitored for malfunctions and appropriate action is taken, where required.
- Driving is adapted to unexpected situations safely and according to specified procedures.
- Unexpected situations are reported according to operational procedures and legal requirements.
- Corrective actions to get freight/passengers to their destinations in the event of route deviations, delays experienced and breakdowns, as well as the company guidelines for consideration in selecting course of action are described using practical examples for specific contexts.

Specific outcome 5

Park vehicle combination in accordance with specified requirements.

- Vehicle combination is parked within designated or reserved areas in accordance with manufacturer specifications, traffic regulations and operational procedures.
- Vehicle combination is shut down in accordance with manufacturer specifications, traffic regulations and operational procedures.
- Vehicle combination is secured in accordance with manufacturer specifications, traffic regulations and operational procedures.
- Security and convenience factors are taken into account.

Specific outcome 6

Couple and uncouple a drawing vehicle and trailer/s according to specified procedures.

- Procedures for coupling and uncoupling a drawing vehicle and trailer/s are appropriate for specific trailer type.
- All systems connecting trailer to drawing vehicle are functional when coupling. All systems are correctly disconnected, when uncoupling

Learning assumed to be in place

It is assumed that learners have already attained NQF Level 2 Mathematic literacy and Communication and Language competence. It is also assumed that the learner can already drive a light vehicle (less than 3.5 tons gross vehicle mass), and can plan road transport service delivery.



Title: Convey dangerous goods by road

US ID: 123259

NQF Level: 3

NQF Credits: 4

Duration: 2 Days (Novice)

1 Day (Refresher)

Purpose of the unit standard

The purpose of learning is to ensure safe loading, conveying and off-loading of dangerous goods according to legal and organisational requirements. Credited learners can convey dangerous goods in accordance with legal, safety, manufacturer and other relevant requirements and handle incidents safely when they occur.

Credited learners are capable of:

Complying with relevant legal documentation requirements

- Applying safety and standard operating procedures during loading and off-loading.
- Applying safety procedures in the event of an incident.
- Complying with the requirements of SANS 10231 in terms of behaviour on route.

Specific outcome 1

Comply with relevant legal documentation requirements.

- Legal concepts are defined and their responsibilities explained in terms of the National Road Traffic Act 93 of 1996.
- The meaning and function of each component on warning signs and documents are explained, in terms of SANS 10232 Part 1.
- Danger warning placards, specific to the substance loaded on the vehicle, are checked for correct fitting on the vehicle.
- All relevant statutory documents are carried and placed in the designated space.
- Statutory documents include, for example, Regulation 281 of the National Road Traffic Act.

Specific outcome 2

Apply safety and standard operating procedures during loading and off-loading in terms of SANS 10231.

- Information is extracted from relevant sources and utilised to ensure safe handling of classified goods and substances.
- Duties of the driver before proceeding on route, in terms of SANS 10231, are adhered to at all times.
- Standard Operating Procedures (relating to the class of substance/goods and related equipment) are adhered to in order to prepare the vehicle for loading and off-loading.
- Personal Protective equipment, suitable to the class of substance, is worn during loading and off-loading.
- Safety equipment and procedures suitable to the class of substance, is used during loading and off-loading.
- The nine hazard classes are listed and the properties of the class of substance transported are explained.
- The concept of compatibility is explained as it relates to dangerous goods.

Specific outcome 3

Apply safety procedures in the event of an incident.

- Information is extracted from the tremcard/treccard or other relevant source/s and utilised to implement the appropriate response in the event of an incident.
- The correct fire extinguishing equipment is utilised in the event of an incident.
- Personal protective equipment suitable to the class of substance is worn in the event of an incident.
- Safety equipment suitable to the class of substance is used in the event of an incident.
- Incidents are reported according to the requirements of SANS 10231.

Specific outcome 4

Comply with the requirements of SANS 10231 in terms of behaviour on route.

- Driving style is adopted in order to maintain load quality and avoid incidents during transportation.
- Duties on route in terms of SANS 10231 are adhered to at all times.

Learning assumed to be in place

It is assumed that learners have already attained NQF Level 2 Mathematical Literacy and Communication competence.

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Title: Apply advanced driving skills: **Offensive Driving**

US ID: 377220
NQF Level: 5
NQF Credits: 3
Duration: 2 Days

Purpose of the unit standard

This unit standard is for learners in the safety in society environment to Apply advanced offensive driving skills.

Learners credited with this unit standard will be able to:

- Apply offensive driving skills when negotiating static hazards/dealing with vehicle damage.
- Apply offensive driving skills in dynamic situations.
- Demonstrate high speed turning skills.

Specific outcome 1

Apply offensive driving skills when negotiating static hazards/dealing with vehicle damage.

- Pavement Climbing is explained and demonstrated without loss of tyre pressure.
- Steering and braking control is demonstrated by bringing the vehicle to a standstill after a sudden onset of reduced visibility.
- Methods for dealing with run flats are explained and demonstrated without compromising safety.

Specific outcome 2

Apply offensive driving skills in dynamic situations.

- Ramming is demonstrated and completed without loss of own vehicle mobility.
- The hostile vehicle is rammed at the rear to cause a spinout to the hostile vehicle without losing control over own vehicle.
- The disadvantages and counter measures related to airbag deployments during ramming situation are identified and explained according to the ramming situation.
- The disadvantages and counter measure related to "traction control" fitted to vehicles are identified and explained according to ramming situation.

Learning assumed to be in place

- Communication at NQF Level 4.
- Knowledge about traffic regulations.
- Meet the requirements of being a safe driver to obtain a valid driving license for a motor vehicle.
- Apply advanced defensive driving skills and techniques.

Specific outcome 3

Demonstrate advanced turning skills.

- 180° reverse turn is demonstrated and completed within a safe time limit.
- 90° handbrake turn is demonstrated and completed within a safe time limit.

UNIT STANDARD RANGE

This unit standard applies to individuals who are required to perform advanced defensive driving under the following conditions:

- Variable lighting and visibility conditions.
- Front or rear wheel drive vehicles.
- Code B class vehicles.
- Different road conditions (wet and dry).
- Different transmission systems.

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Title: Apply advanced driving skills: **Defensive Driving**

US ID: 377201
NQF Level: 5
NQF Credits: 6
Duration: 3 Days

Purpose of the unit standard

This unit standard is for learners who have to apply advanced defensive driving skills in the execution of their daily tasks.

Credited learners are capable of:

- Apply knowledge related to vehicle dynamics to reduce driving risk.
- Demonstrate techniques used to avoid accidents and maintain control.
- Apply techniques to improve driving skills and maintain safety at all times.

Specific outcome 1

Apply knowledge related to vehicle dynamics to reduce driving risk.

- The various pivots are defined and explained according to law of gravity.
- Centre of gravity is defined according to different vehicle types.
- The implications of different vehicles types on driving manoeuvres are explained.
- The advantages of using a system of driving principles are explained.
- The various mechanical systems influencing vehicle driving are defined and explained.
- The advantages and disadvantages of airbags, seat belts, braking and stability control systems are identified and explained according to manufactures specifications.
- The techniques of dealing with front and rear run flats are explained.
- Pavement climbing is explained.
- The pre-trip inspection points are identified and inspected in accordance with the K53 system.
- The application of a system of driving principles are demonstrated during a practical driving test.

Specific outcome 2

Demonstrate techniques used to avoid accidents and maintain control.

- Emergency lane-change to avoid an obstacle is demonstrated at an average speed of 60 km/h and an object distance within 50 meters.
- Breaking techniques are demonstrated with a vehicle coming to a total standstill within 50m under various conditions.
- Steering and braking control is demonstrated during conditions of reduced visibility.
- Skid control is demonstrated by identifying and applying the correcting sequence/techniques to regain control on different road surfaces.

Specific outcome 3

Apply techniques to improve driving skills and maintain safety at all times.

- Negotiating of bends is demonstrated and executed by safely applying the knowledge and techniques related to vehicle dynamics and mechanics.
- The advantages and disadvantages of apex driving are identified and explained.
- Apex driving is demonstrated and executed with safety.

UNIT STANDARD RANGE

This unit standard applies to individuals who are required to perform advanced defensive driving under the following conditions:

- Variable lighting and visibility conditions.
- Front or rear wheel drive vehicles.
- Code B class vehicles.
- Different road conditions (wet and dry).
- Different transmission systems.

Learning assumed to be in place

Communication skills at NQF Level 4.

Knowledge about traffic regulations.

Meet the requirements to obtain a valid driving licence for a motor vehicle.

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Title: Apply the **Techniques** for operating four wheel drive (4WD) vehicles, in on-road and off-road conditions.

US ID: 254135
NQF Level: 3
NQF Credits: 4
Duration: 3 Days

Purpose of the unit standard

This unit standard is for learners seeking to apply the basic concepts of 4WD. This unit standard will enable the learner to practically demonstrate the basic knowledge and skills required to handle a 4WD, on-road and off-road, perform vehicle preparation, understand preventative maintenance and handle basic recovery situations and equipment, in an environmentally considerate manner. 4WD vehicles include all-terrain vehicles (ATVs), Quad and Off-road Motor Bikes.

Credited learners are capable of:

- Identifying the range of features, vehicle options and capabilities of a 4WD vehicle or an ATV or a Quad Bike or an off road Motor Bike.
- Demonstrating an understanding of the preparation of a vehicle for off-road conditions.
- Demonstrating a basic understanding of the various chassis and suspension configurations.
- Demonstrating a basic understanding of a drive train.
- Operating a 4WD vehicle in off-road conditions.

This unit standard include all-terrain vehicles (ATVs), Quad and Off-road Motor Bikes, however, **learners that are found competent to operate a standard 4WD vehicle or an ATV will not be competent to operate a Quad or an Off-road Motor Bike unless they repeat this unit standard for a Quad or an Off-road Motor Bike and vice versa.**

Specific outcome 1

Identify the range of features, vehicle options and capabilities of a 4WD vehicle.

- The criteria applied when selecting a vehicle for a specific application are explained with examples.
- A range of vehicles, options and capabilities are identified with examples.
- The limitations of 4WD vehicles and the definition of limiting angles and dimensions are explained with examples.
- The power sources and options for various models are explained with examples.
- An understanding of the braking system is explained with examples.
- The location and operation of all controls on vehicle explained in relation to the operator handbook (owner's manual).

Specific outcome 2

Demonstrate an understanding of the preparation of a vehicle for off-road conditions.

- Fuel, oil and water levels are determined for off-road requirements.
- The use of lights when operating a vehicle off-road is demonstrated in various contexts.
- Required tyre pressure and ways to maintain tyre pressure are explained with examples.
- The tools required to fix and maintain vehicle for off-road conditions are explained in relation to the purpose of each.
- Recovery equipment is identified with examples.
- Safety and health equipment are explained in terms of their purpose limitations, advantages and disadvantages.
- The vehicle safety features are explained in relation to various operating conditions.

Learning assumed to be in place

Communication NQF Level 2.

It is assumed that the learner accessing this standard will be in possession of a Code A, B, or EB Drivers Licence or any such licence deemed applicable in terms of the legislation in force at the time and has an understanding of the knowledge required of road users.

Specific outcome 3

Demonstrate basic understanding of the various chassis and suspension configurations.

- The chassis and body type construction are explained with reference to benefits and various operating conditions.
- The role of springs (load carrier) is explained in relation to various operating conditions.
- The role of shock absorbers (damping) is explained in relation to various operating conditions.
- The axle and springs characteristics are explained as they relate to various operating conditions.

Specific outcome 4

Demonstrate a basic understanding of a vehicle's drive train.

- The use of the clutch for various conditions are explained in the context of on-road and off-road conditions.
- The functions of manual and automatic gearboxes are explained in relation to various operating conditions.
- The function of a propshaft, an axles and a driveshaft is explained in relation to how they affect various operating conditions.
- Hubs are explained in relation to manually and automatically locking hubs.

Specific outcome 5

Operate a 4WD vehicle in off-road conditions.

- Off-road obstacles and off-road route selection is explained with references to the regulatory framework.
- Permanent and part-time 4WD are engaged in various operating conditions.
- High and low range drives are engaged in various operating conditions.
- Axle differential locks are engaged in various operating conditions.
- A route through evaluated obstacles is determined in accordance with best practices.
- Stall starts are applied in relation to various obstacles and off-road terrain in accordance with best practices.
- A 4WD vehicle is operated over various obstacles and off-road terrain in accordance with best practices.

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Title: Apply **Advanced Techniques** for operating four wheel drive (4WD) vehicles in on-road and off-road conditions

US ID: 254154
NQF Level: 3
NQF Credits: 8
Duration: 4 Days

Purpose of the unit standard

This unit standard is for learners seeking to apply the advanced concepts related to 4WD utilisation. This unit standard will enable the learner to practically demonstrate the knowledge and skills required to handle a 4WD vehicle on-road and off-road, understand preventative maintenance and handle recovery situations and equipment, in an environmentally considerate manner. 4WD vehicles include all-terrain vehicles (ATVs), Quad and Off-road Motor Bikes.

Credited learners are capable of:

- Explaining the differences in driving a 4WD or an ATV or a Quad Bike or an off road Motor Bike on-road and off-road.
- Demonstrating knowledge of passenger and vehicle safety precautions.
- Demonstrating understanding of the features of a 4WD or an ATV or a Quad Bike or an off road Motor Bike for off-road conditions.
- Demonstrating an understanding of off-road conditions and their relation to vehicle preparation and behaviour.
- Demonstrating basic recovery techniques.
- Demonstrating an understanding and application of techniques typical to specific obstacles that are nature and terrain dependent.

This unit standard include all-terrain vehicles (ATVs), Quad and Off-road Motor Bikes, however, **learners that are found competent to operate a standard 4WD vehicle or an ATV will not be competent to operate a Quad or an Off-road Motor Bike unless they repeat this unit standard for a Quad or an Off-road Motor Bike and vice versa.**

Specific outcome 1

Explain the differences in driving 4WD on-road and off-road.

- Vehicle dimensions are explained in relation to on-road and off-road operations.
- The centre of gravity is explained in relation to on-road and off-road operations.
- Stopping distances for on-road and off-road operations are explained in relation to each context.
- The function of tyres is explained in relation to on-road and off-road operations.

Specific outcome 2

Demonstrate basic knowledge of passenger and vehicle safety precautions.

- The concept of "safety first" is explained in relation to 4WD on-road and off-road utilisation.
- The use of seatbelts is explained in relation to safety precautions required for on-road and off-road utilisation.
- The handbook and maintenance schedule is reviewed in relation to on-road and off-road operations.
- A pre-trip preparation is carried out on a vehicle in terms of the trip to be undertaken.
- The rules of convoy driving and communication are explained with examples.
- The critical tools required for emergencies are identified and explained in relation to their functions in off-road emergency situations.

Specific outcome 3

Demonstrate understanding of the features of a 4WD vehicle for off-road conditions.

- The ergonomics that are applicable to a vehicle are explained in relation to on-road and off-road conditions.
- The range of shift options and applications are demonstrated for a variety of operating conditions.
- An understanding of matching the vehicle and accessories to varied conditions is demonstrated for a variety of operating conditions.
- An understanding of the applications of tyres is demonstrated for a variety of operating conditions.

Specific outcome 4

Demonstrate an understanding of off-road conditions and their relation to vehicle preparation and behaviour.

- The vehicle dynamics for off-road utilisation are explained with examples.
- The terrain and its varying effects on the vehicle are explained with examples.
- A 4WD vehicle is prepared for off-road conditions and specific operational requirements.
- An understanding of the environmental principles with regard to considerate off-road utilisation is explained with examples.

Specific outcome 5

Demonstrate basic recovery techniques.

- Recovery dynamics and selection of secure recovery points are explained with reference to varying off-road conditions.
- An understanding of recovery equipment and safety procedures is explained with examples.
- Elementary recovery techniques are applied in varying off-road conditions.

Specific outcome 6

Apply driving techniques typical to specific obstacles that are nature and terrain dependent.

- Off-road obstacles and off-road route selection is explained with references to the regulatory framework.
- Factors influencing off-road operation are explained with specific reference to varying off-road conditions.
- Traction in relation to the maintaining and/or loss thereof and traction control aids are explained in relation to varying off-road conditions.
- Typical obstacles that apply to off-road conditions are explained in relation to how they will affect vehicle handling.

Learning assumed to be in place

Communication at NQF Level 2.

The techniques for operating a four wheel drive (4WD) vehicle at NQF Level 3.

It is assumed that the learner accessing this standard will be in possession of a Code A or B or EB Drivers Licence or any such license deemed applicable in terms of the legislation in force at the time and has an understanding of the knowledge required of a licensed road user.

Unaccredited Short Learning Programmes

Title: *Defensive and Economical Driver Training*

US ID: N/A
NQF Level: N/A
NQF Credits: N/A
Duration: 1 Day

Purpose of the unit standard

Incorporating all of the latest enhancements, skills and techniques, designed to take professional drivers of a particular class of vehicle to the next level of safety and competence. To identify all the external factors that could impact on your driving.

The qualifying learner is capable of:

At the end of programme learners will be able to:

- Explain what is meant with the term defensive driver
- Understanding the most common driver errors and causes of accidents
- Understanding the physical, mental and emotional factors while driving and the impact of this on your own driving ability.
- Understand the importance of adapting to various changing conditions and handling unexpected situations
- Understanding the limitations of the human eye
- Apply the correct system of vehicle control to avoid accidents

Specific outcome 1

Human limitations

- Explain what it means to be a defensive driver.
- Define the most common causes of an accident.
- Determine your driving profile.
- List the ABC of defensive driving
- Explain the 'What if?' strategy.
- List the correct habits of a defensive driver

Specific outcome 2

List the factors that you can control before you start to drive, including your own physical and emotional/mental conditions, as well as vehicle maintenance.

- Describe the varying physical, emotional and mental conditions of other drivers on the road.
- Explain how to be alert and defensive when sharing the road with these drivers.
- Explain how to drive defensively in conditions beyond your control such as light, weather, road conditions and traffic conditions.
- Adapting to the limitations of the human eye.

Learning assumed to be in place

- Communication at NQF level 2.
- Mathematical literacy at NQF level 2.
- Driver's license for at least 3 years

Practical driving application

Consists of 4 hours theoretical in class training and 1 hour practical commentary driving per candidate

Specific outcome 3

Adapting to other driver's behaviors

- Describe the characteristics of impaired, distracted, fatigued and aggressive drivers.
- Identify actions you can take when you experience or encounter these characteristics on the road.
- Employ techniques to manage your emotions and behavior while driving.

Specific outcome 4

The keys to success on the road

- System of vehicle control
- List the most unsafe driving behaviors.
- Describe the hazards involved with each of the unsafe driving behaviors.
- List alternatives to speeding.
- Explain how to safely approach and proceed through intersections.
- Explain how to make safe and legal turns.
- Explain the steps needed to complete a safe overtaking maneuver.
- Determine a safe following distance and braking distances.
- Recognize and identify the hazards in accident scenarios.
- Identify standard road signs colors and shapes.
- Identify reasonable steps that might have prevented real-life accidents.
- Identify personal behaviors and decisions you will make in future driving situations to avoid accidents and violations.
- Optimal use of vehicle communication tools.



Title: Driver Assessments

(Max 8 Drivers)

US ID: N/A

NQF Level: N/A

NQF Credits: N/A

Duration: 1 Day

Purpose of the assessment

This assessment process is designed to determine if you are a competent and professional driver who drives in the safest way, showing responsibility to all other road users and drives in accordance with K53 requirements.

The assessment is based on the following

The Yard Test

(Only sections applicable to your vehicle)

- Pre-trip inspection
- Alley docking
- Parallel parking
- Turn in the road
- The incline start
- Reverse in a straight line

The Road Test

- Starting
- Moving off
- Steering
- Use of Clutch
- Use of Brakes
- Gear changing
- Signaling
- Lane changing
- Overtaking
- Vehicle entrances
- Speed control
- Stopping
- Freeways
- Emergency stop
- Violations of traffic laws
- Uncontrolled dangerous actions
- Courtesy
- Vehicle Symphony

Learning assumed to be in place

- For any driver whose skills need to be assessed.
- Duration per assessment is based on the driving skills of the driver being assessed

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Title: Anti Hijacking

US ID: N/A
NQF Level: N/A
NQF Credits: N/A
Duration: 4 Hours

Purpose of the programme

This course provides participants with simple skills which greatly increase the chances of survival in a hijack situation. Learn to find hijackers first, where they operate and the latest methods that they use to get to you.

The qualifying learner is capable of:

At the end of programme learners will be able to:

- Understand the background and statistics to the hi-jacking problem.
- To identify different types of hijackers.
- The reasons for hijacking.
- Identify the methods used by hijackers
- Demonstrate routines that could help prevent hi-jacking.

Course Outcomes

The background and statistics to the hi-jacking problem.

- Case studies
- Different types of Hijackers.
 - Reasons for hi-jacking
 - What does the hijacker really want?
 - What do they know about their potential victims
- Trip planning
 - Work out in advance where they operate
- Type of hi-jacking
 - The common methods hijackers use
- How to identify potential hijackers, in a group of people, in advance
 - When am I the most vulnerable?
 - Preventative driving habits
 - Routines that could help prevent hi-jacking
 - Observation test
- How should I react if I am hijacked?
 - What your conduct should be to minimise injuries, if hijacked

Learning assumed to be in place

N/A

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Additional Unaccredited Short Learning Programmes

We offer a range of short learning programmes based on customer needs and work specific application. Detailed information will be provided on request for the following:

- Construction Regulations
- Introduction to the Occupational Health and Safety Act
- Compensation for Occupational Injuries and Diseases Act
- Job Observation – Planned Task Observation
- Materials Handling, Stacking and Storage
- Supervisory Course – Occupational Health and Safety
- Basic Rigging and Slings
- Safe Lifting Practices
- Hand Tools
- Power Hand tools
- Skid Pan
- Accident Avoidance

Thank you for taking the time to go through this business profile and prospectus. If there are any questions or inquiries, please feel free to contact us.

Yours in business,

The Assessment Zone

www.theassessmentzone.co.za

068 075 0099

Joe Meyer

Director | The Assessment Zone

mobile | +27 (0)68 075 0099

e-mail | joe@theassessmentzone.co.za

web | www.theassessmentzone.co.za



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