

Convey Dangerous Goods by Road

Course Aim:

Learners who enrol in this information session will be able to ensure the 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.

Course Objective:

After completion of the course, delegate will have an understanding of:

- Legal documentation when transporting dangerous goods.
- Safety and standard operating procedures during loading and off-loading.
- Safety procedures in the event of an incident.

Course Content:

- The Owner/Operator
- Example of incident report format
- The Consignor
- The Driver
- Driver preparedness
- Daily Vehicle Checks
- Preliminary checks
- Pre-loading checks
- Post loading checks
- Parts of a dangerous goods placard
- Dangerous Goods Placard
- Placement of placards and signs
- Compatibility & exempt quantities
- Load Constraints
- Chart of compatible/incompatible substances.

- Designated Space
- Comparison Of Documents And Placarding
- Example of a Tremcard
- Example of a dangerous goods declaration (DGD)
- Requirements
- Requirements That Relate To Loading And Offloading Operations
- Requirements that relate to loading operations

- En route procedures
- Requirements that relate to off-loading operations
- Cargo Handling
- Cargo securement
- Packaged goods
- Bulk
- Freight containers that contain packaged goods
- Reacting to incidents
- Types of fire
- Fire extinguishers
- Parts of an extinguisher
- Fighting a fire
- Safety guide
- Vehicle fires
- Fire extinguisher daily inspection



Target Audience:

- All employees transporting hazardous materials by road.

Duration:

2 Days

Training Programme

Days	Content

<p>Day 1</p>	<ul style="list-style-type: none"> ■ Welcoming ■ 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. ■ 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 the safe handling of classified goods and substances. ■ Duties of the driver before proceeding on the route, in terms of SANS 10231, are always adhered to ■ Standard Operating Procedures (relating to the class of substance/goods and related equipment) are adhered 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 are 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.
<p>Day 2</p>	<ul style="list-style-type: none"> ■ 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. ■ Comply with the requirements of SANS 10231 in terms of behaviour on route.

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| | <ul style="list-style-type: none">■ Driving style is adopted to maintain load quality and avoid incidents during transportation.■ Duties on route in terms of SANS 10231 are adhered to at all times. |
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NB: PLEASE MAKE SURE YOU BRING THE FOLLOWING DOCUMENTATION FOR MQA REGISTRATION:

CERTIFIED COPY OF YOUR ID

Looking forward to joining you on this journey of learning!

