	Unit ID:2389
Domain	**FREIGHT OPERATIONS**
Title:	**Apply safe procedures when handling and transporting dangerous goods**
Level: 3	**Credits: 4**

Purpose

This unit standard is intended for those who apply safe procedures when handling and transporting dangerous goods. People credited with unit standard are able to operate equipment and/or vehicle in a safe manner and consult with relevant authorities or persons in an event of an emergency.

This unit standard is intended for those who work in the freight operations industry.

Special Notes

1. Entry information

   Prerequisite:
   - *None*

2. Assessment evidence may be collected from a real or a simulated workplace in which operations are carried out.

3. To demonstrate competence, minimum evidence of the ability to operate equipment and/or vehicle in a safe manner and consult with the relevant authorities/persons in an event of an emergency.

4. Information/documents may include

   - goods identification numbers and codes
   - manifests, picking slips, merchandise transfers, stock requisitions and bar codes
   - manufacturers specifications for equipment/tools
   - workplace procedures and policies
   - supplier and/or client instructions
   - dangerous goods declarations and material safety data sheets

5. Regulations and legislation relevant to this unit standard include the following:
   - Namibian and international regulations and codes of practice for the handling and transport of dangerous goods and hazardous substances, including:
   - National Road Traffic Act 22 of 1999; Chapter 6 part 4 (dangerous goods and materials)
   - Namibian and International Explosives Codes
   - Transportation of dangerous goods and substances
   - South African National Standards: 10231

   - Occupational Health and Safety Regulations No.18, 1997
     and all subsequent amendments to any of the above.

6. Performance of all elements in this unit standard must comply with industry standards.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority on www.nta.com.na.

Elements and Performance Criteria

Element 1: Operate equipment and/or vehicle in a safe manner

Performance Criteria

1.1 Equipment are checked for serviceability and required quantities and types in accordance with handling requirement.

1.2 Equipment and/or vehicles are operated safely in accordance with the industry regulations, licence/permit requirements/or standards and as directed by relevant authority.

1.3 Safety guidelines and codes are explained and applied.

1.4 Dangerous and/or hazardous goods are handled and conveyed in accordance with the relevant regulations and codes.

1.5 Emergency procedures related to the dangerous and/or hazardous goods are assessed.

1.6 Handling and transporting procedures are implemented to minimise damage to equipment, facilities and the environment and minimise injury to personnel.

Element 2: Consult with relevant authorities or persons in an event of an emergency

Range

Emergency services may include but not limited to police, ambulance, fire brigade, traffic control and emergency unit.

Performance Criteria

2.1 Incidents and/or accidents related to dangerous goods are reported to the emergency services.

2.2 Emergency procedures are initiated in accordance with the relevant codes and government regulations to ensure precautions are taken consistent with directions set out in the emergency procedures.

2.3 Hazards related to the affected emergency area are explained to personnel in accordance with workplace procedures.

2.4 Assistance is sought from competent authority.

Registration Data

Subfield:	Transport, Operations and Logistics
Date first registered:	07 October 2020
Date this version registered:	07 October 2020
Anticipated review:	2025
Body responsible for review:	Namibia Training Authority