

<b>Domain</b> <b>Title:</b> <b>Level: 3</b>	<p style="text-align: right;"><b>Unit ID: 2381</b></p> <p style="text-align: center;"><b>FREIGHT OPERATIONS</b></p> <p style="text-align: center;"><b>Accept, handle and control dangerous goods during warehousing</b></p>	<b>Credits: 6</b>
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### Purpose

The person credited with this unit standard will be able to accept, handle and control dangerous goods during warehousing. People credited with this unit standard are able to identify and classify dangerous goods in accordance with documentation, packaging and labelling, handle and store classified goods and substances, prepare dangerous goods for transportation and take appropriate actions in the event of accidents in the handling of dangerous goods.

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

### Special Notes

1. Entry information:  
Prerequisite:
  - *Unit 2372 - Apply basic principles of cargo handling.*
2. Assessment evidence may be collected from a real or a simulated workplace in which freight operations are carried out.
3. To demonstrate competence, minimum evidence of the ability to identify, classify, handle and store dangerous goods in accordance with documentation, packaging and labelling. Explain the preparation of dangerous goods for transportation and actions in the event of accidents in the handling of dangerous goods.
4. Dangerous Goods includes Class 1 – explosives, Class 2 – gases, Class 3 - flammable liquids, Class 4 - flammable solids, Class 5 - oxidizers & organic peroxides, Class 6 - toxic & infectious substances, Class 7 - radioactive materials, Class 8 – corrosives, and Class 9 - miscellaneous dangerous goods/substances
5. 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
6. Regulations and legislation relevant to this unit standard include the following:
  - Labour Act, No. 11, 2007.
  - Regulations relating to the health & safety of employees at work under Schedule 1 (2) of the Labour Act No.11 of 2007
  - SABS 0228 (1995) The identification and classification of dangerous substances and goods
  - SABS ISO 11014-1 (1994) Safety data sheet for chemical products Part 1: Content and order of sections

- SABS 0265 (1999) The classification and labelling of dangerous substances and preparations for sale and handling
- And all subsequent amendments

7. 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](http://www.nta.com.na).

## **Elements and Performance Criteria**

### **Element 1: Identify and classify dangerous goods in accordance with documentation, packaging and labelling**

#### **Performance Criteria**

- 1.1 Types of dangerous goods are identified and determined in relation to labelling and documentation.
- 1.2 Dangerous goods are classified in accordance to South African National Standards codes of practice and international codes.

### **Element 2: Handle and store classified goods and substances**

#### **Performance Criteria**

- 2.1 Options and possibilities for the segregation/demarcation in the safe handling and storage of dangerous goods are identified and described in accordance with laid down safety standards, pollution and environmental requirements.
- 2.2 Safe working procedures and practices in the handling and storage of dangerous goods are explained, described and applied according to national codes of practice and legislation.
- 2.3 Potential hazards in the working environment are explained and described according to codes of practices and national legislation.
- 2.4 The choice of a particular method of handling and storage (in relation to the classification of dangerous goods), the precautions to take and the aspects of applicable legislation and codes of practice are explained, described and applied.
- 2.5 The handling/storage operation, and the ways in which the process could be compromised are described and explained as it relates to codes of practice and national legislation.

### **Element 3: Prepare dangerous goods for transportation**

### **Performance Criteria**

- 3.1 The compatibility of the dangerous goods is explained and described according to South African National Standards code of practice.
- 3.2 Documentation for the transportation of dangerous goods are explained, described and completed according to national legislation.
- 3.3 The applicable Dangerous Goods Placards are identified and explained as required by South African National Standards codes of practice and national legislation.

### **Element 4: Take appropriate actions in the event of accidents when handling dangerous goods**

#### **Performance Criteria**

- 3.1 Accident and/or incident reporting procedures and formats are explained according to national legislation.
- 3.2 The appropriate accident and/or incident actions are explained and demonstrated according to national legislation.
- 3.3 Safety procedures are explained and described according to South African Bureau of Standards 0232 Part 3.

### **Registration Data**

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