

<b>Domain</b>	<b>TOUR GUIDING</b>	<b>Unit ID: 189</b>
<b>Title:</b>	<b>Apply knowledge of the physical environment of Namibia in tour guiding operations</b>	
<b>Level: 3</b>		<b>Credits: 7</b>

### Purpose

This unit standard specifies the competency required to apply knowledge of the physical environment of Namibia in tour guiding operations. It includes applying knowledge of the topography and physical features, weather and climate and the main geological features of Namibia in tour guiding operations. This unit standard is intended for those who work as tour guides.

### Special Notes

1. Entry information:
 

Prerequisite:

  - Unit 170 *Follow occupational health and safety procedures in tour guiding operations* or demonstrated equivalent knowledge and skills.
2. To demonstrate competence, at a minimum, evidence is required of applying knowledge of the main landforms, climatology, rock formations and mineral types in Namibia in tour guiding operations.
3. Assessment evidence may be collected from a real workplace, or simulated real workplace or an appropriate simulated realistic environment in which tour guiding operations are carried out.
4. Glossary
  - *Topography* refers to the shape of the earth's surface.
  - *Weathering* refers to the breaking down of rocks and minerals by physical, chemical or biological processes.
  - *Erosion* is the wearing away of the earth's surface due to the impact of water, wind and other elements.
  - *Transportation* is the process of moving rocks and soil by the action of water.
  - *Deposition* is the build-up of sediments.
  - *Mass movement* refers to the downslope movement of soil and rock under the influence of gravity.
5. Tour guides must comply with the Namibia Tourism Board's Code of Conduct for Tour Guides.
6. Regulations and legislation relevant to this unit standard include the following:
  - Labour Act No 6, 1992
  - Nature Conservation Ordinance 4 of 1975
  - Namibia Tourism Board Act 21 of 2000
  - Diamonds Act, 1999 (Act No. 13 of 1999)
  - Minerals Development Fund of Namibia Act, (No. 19 of 1996)

- Minerals (Prospecting & Mining) Act, 1992 (Act No. 33 of 1992)
  - Petroleum Products and Energy Amendment Act, 2000
  - National Energy Fund Act of 2000
  - Gas Act (Draft 2b)
  - Petroleum (Exploration and Production) Amendment Act 1993 (Act 2 of 1993)
  - Electricity Act, 2000 (Act No. 2 of 2000)
- and all subsequent amendments to any of the above.

### **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: Apply knowledge of the topography and physical features of Namibia in tour guiding operations**

#### **Performance Criteria**

- 1.1 The topography and physical features of Namibia are identified and described in terms of area size, significant mountains, plains, pan features, drainage systems and water features.
- 1.2 Information on the topography and physical features of Namibia is identified and incorporated in tour commentaries and responses to guest inquiries.

### **Element 2: Apply knowledge of Namibia's weather and climate in tour guiding operations**

#### **Range**

Main features of Namibia's weather and climate include but are not limited to temperature, rainfall, humidity.

#### **Performance Criteria**

- 2.1 Reference sources are used to aid identification and description of main features of Namibia's weather and climate.
- 2.2 Information on the Namibia's weather and climate is identified and incorporated in tour commentaries and responses to guest inquiries.

### **Element 3: Apply knowledge of the main geological features of Namibia in tour guiding operations**

#### **Range**

Minerals in Namibia include but are not limited to *Pegmatite minerals* (schörl, coloured tourmaline, topaz, common beryl, aquamarine, biotite, muscovite, different feldspars; *quartz minerals* (clear quartz, rose quartz, amethyst, agate, smokey quartz, window quartz, scepter quartz); *economic minerals* (diamonds, rock salt, fluorite, diopside); *others* (sodalite, sandrose, garnet).

Rock types include *igneous rocks*, both intrusive (granite, pegmatite) and extrusive (basalt, dolerite), *sediments* (sandstone, limestone, dolomite, calcrete, conglomerate, shale), *metamorphics* (marble, quartzite, amphibolite, schist, mica schist, ortho gneiss, para gneiss).

Major geological areas and tourist attractions in Namibia include desert and coastal areas (including the Namib desert, Skeleton Coast, Sperrgebiet), inselbergs (including Brandberg, Spitzkoppe, Erongo, Brukkaros, Rossing Mountain), escarpments (including Van Zyl's, Gamsberg, Spreetshoogte, Twyfelfontein), canyons (including Kunene, Ugab, Kuiseb, Sesriem, Fishriver), central highlands (including Otavi Mountains, Waterberg, Khomas Hochland, Karas Mountains), continental basins (including Owambo/Etосha basin, Okavango basin, Caprivi floodplains, Kalahari basins).

#### **Performance Criteria**

- 3.1 Significant minerals in Namibia are identified and described.
- 3.2 Physical processes that shape the landform of Namibia are identified and described in terms of weathering, erosion, transportation, deposition, mass movement.
- 3.3 Rock types found in Namibia, are identified and described.
- 3.4 Major geological areas and tourist attractions in Namibia are identified and described in terms of their age and geological development.
- 3.5 Information on the main geological features of Namibia is identified and incorporated in tour commentaries and responses to guest inquiries.

#### **Registration Data**

<b>Subfield:</b>	Hospitality and Tourism
<b>Date first registered:</b>	16 November 2006
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<b>Body responsible for review:</b>	Namibia Training Authority