

## GOVERNMENT NOTICES

## SOUTH AFRICAN QUALIFICATION AUTHORITY

No. 517

18 June 2010



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

In accordance with Regulation 24(c) of the Regulations of 28 March 1998, the Task Team for

**SOVEREIGNTY OF THE STATE**

registered by Organising Field 08 – Law, Military Science and Security, publishes the following Unit Standard for public comment.

This notice contains the titles, fields, sub-fields, NQF levels, credits, and purposes of the Unit Standard. The full Unit Standard can be accessed via the SAQA web-site at [www.saqqa.org.za](http://www.saqqa.org.za). Copies may also be obtained from the Directorate for Standards Setting and Development at the SAQA offices, SAQA House, 1067 Arcadia Street, Hatfield, Pretoria.

Comment on the Unit Standard should reach SAQA at the address *below and no later than 19 July 2010*. All correspondence should be marked **Standards Setting – Task Team for Sovereignty of the State** and addressed to

The Director: Standards Setting and Development  
SAQA

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ACTING DIRECTOR: STANDARDS SETTING AND DEVELOPMENT



## SOUTH AFRICAN QUALIFICATIONS AUTHORITY

**UNIT STANDARD:*****Demonstrate an understanding of radio wave propagation***

SAQA US ID		UNIT STANDARD TITLE	
376860		Demonstrate an understanding of radio wave propagation	
ORIGINATOR		PROVIDER	
TT - Sovereignty of the State			
FIELD		SUBFIELD	
8 - Law, Military Science and Security		Sovereignty of the State	
ABET BAND	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
Undefined	Regular	Level 5	8

New NQF Level: New Level Assignment Pending.

***This unit standard does not replace any other unit standard and is not replaced by another unit standard.***

**SPECIFIC OUTCOME 1**

Interpret the properties and characteristics of the different states of matter.

**SPECIFIC OUTCOME 2**

Analyse the fundamental forces of nature to determine their impact on radio communication and transmission.

**SPECIFIC OUTCOME 3**

Illustrate the characteristics of waves, radio waves and sine waves and the way they propagate through different mediums.

**SPECIFIC OUTCOME 4**

Evaluate the impact of the different layers of earth's atmosphere on radio propagation.

**SPECIFIC OUTCOME 5**

Analyse the relationship between the units of measurement of the electromagnetic spectrum.

**SPECIFIC OUTCOME 6**

Determine the uses of different types of antennas and their applications.

**QUALIFICATIONS UTILISING THIS UNIT STANDARD**

None

June 09

## TRACKING OF THE FLOW OF SUBMISSIONS FOR THE GOVERNMENT GAZETTE TO THE DIRECTOR

Date	OF	SGB	Description	Proposed Closing Date	Comments	Recommend by Eddie	Signature for Approval for Publishing in Gov Gazette and Date
4 June 2010	1	Task Team : Forestry & Wood Technology (19 pages)	FETC: Wild Land Fire Fighting	19-Jul-10	Recommended by Eddie	[Signature]	[Signature]
	8	Task Team : Sovereignty of the State (2 page)	Unit Standards in Radio Wave				
Gov Gazette information	Gazette: PO 34126(R25) Publishing: PO 34127 (R )					4/8/10	