(24 March 2020 – to date)

ELECTRONIC COMMUNICATIONS ACT 36 OF 2005

(Gazette No. 28743, Notice No. 364 dated 18 April 2006. Commencement date: 19 July 2006 [Proc. No. R29, Gazette No. 29044])

OFFICIAL LIST OF REGULATED STANDARDS FOR TECHNICAL EQUIPMENT AND ELECTRONIC COMMUNICATIONS FACILITIES

General Notice 896 in Government Gazette 39182 dated 9 September 2015. Commencement date: 9 September 2015.

As amended by:

Government Notice 357 in Government Gazette 43132 dated 24 March 2020. Commencement date: 24 March 2020.

INDEPENDENT COMMUNICATIONS AUTHORITY OF SOUTH AFRICA (ICASA)

The Independent Communications Authority of South Africa (herein after referred to as "Authority") hereby issue a notice of regulations made in the schedule by the Authority in terms of section 4(1) of ICASA Act No. 13 of 2000 read with section 36(1) of the Electronic Communications Act No. 36 of 2005 ("the Act").

(Signed)
RUBBEN MOHLALOGA
ACTING CHAIRPERSON
ICASA

SCHEDULE

Non-telecommunication EMC standards

SCHEDULE

1. DEFINITIONS

In these regulations, unless the context indicates otherwise, a word or expression to which a meaning has been assigned in the Act has the meaning so assigned.

"Basic EMC Standard" means a minimum standard, which defines and describes the Electromagnetic Compatibility (EMC) of any equipment, the measurement thereof, and the appropriate test methods and limits;

"CISPR" means International Special Committee on Radio Interference;

"Disturbance" means any electromagnetic phenomenon, which may degrade the performance of a device, equipment or system;

"Domestic Sites" means an environment or area declared as a domestic environment according to the bylaws of the local municipality;

"Electromagnetic Compatibility (EMC)" means a measure of the performance of any item of equipment, in respect of its ability to operate correctly in a given electromagnetic environment, without affecting, or being adversely affected by, that environment;

"Electronic communications equipment (ECE)" means equipment connected to and used within a*[sic]* electronic communications network, including ECTE, and may be powered by the electronic communications network;

"Electronic communications terminal equipment (ECTE)" means equipment (or a significant part of equipment), which enables communication, and which is intended to be utilised as end-user or Service Provider equipment connected, directly or indirectly, by any means, to interface with electronic communications networks.

"Emission" means the outward flow of energy from any source in the form of electromagnetic waves propagated in space or conductors, with or without an artificial guide;

"Equipment" means any apparatus, device or system, which is powered by means of electrical AC and/or DC energy, the source being internal or external;

"ETSI" means European Telecommunications Standards Institute;

“Generic EMC Standard” means a standard, which relates to a particular electromagnetic environment, and specifies an appropriate series of requirements and tests, which are used for all equipment, placed into that environment;

"HVAC&R Equipment" means any equipment, which has a primary function of any one, or more in combination of the following: Heating, Ventilation, Air Conditioning and Refrigeration intended for residential, commercial, light-industrial and/or industrial use;

(Definition of "HVAC&R Equipment" inserted by GN 357 of 2020)

“ICASA Act” means the Independent Communications Authority of South Africa, 2000 (Act No. 13 of 2000);

“IEC” means International Electrotechnical Commission;

“Immunity” means the ability of any equipment or system to operate correctly, in the presence of an electromagnetic disturbance;

“Industrial Sites” means environment or area declared as an industrial environment according to the bylaws of the local municipality;

“Information Technology Equipment (ITE)” means any equipment, which has a primary function of any one, or more in combination, of the following: entry, storage, display, retrieval, transmission, receiving, processing, switching, and control of data and/or of telecommunication messages and/or signalling, digital and / or analogue. ITE equipment may be equipped with one or more terminal ports, typically operated for information transfer or processing. It excludes radio equipment (or any part of the ITE equipment which can be classified as radio equipment), unless it incorporates IT equipment for any part of its function;

“ITU” means International Telecommunications Union;

“Product-Family EMC Standard” means a standard, which contains special limits for emission and immunity for a specific category of equipment. It contains specific instructions on how the measurements must be carried out, as well as how the device under test should perform and be operated;

“Product-Specific EMC Standard” means a standard, which contains special limits for emission and immunity for a specific product or product line of equipment. It contains specific instructions on how the measurements must be carried out, as well as how the device under test should perform and be operated;

“Radio equipment” means equipment or related component which includes one or more transmitters and/or receivers and/or parts thereof, which has a primary function of radio transmission and/or

reception of radio waves, utilising the frequency spectrum allocated to celestial/terrestrial/space radio communications. This type of equipment may be used in a fixed, mobile or portable application;

"SANS" means South African National Standards;

2. PURPOSE OF THE REGULATIONS

(1) The purpose of these Regulations is to prescribe national standards for the performance and operation of equipment and electronic communications facilities, including radio equipment, in order to:

(a) regulate Electromagnetic Compatibility (EMC) for all types of electrical and electronic equipment, electronic communication equipment or facilities, including radio equipment, to limit intereference*[sic]* to electronic communications equipment facilities;

(b) ensure the proper functioning, interoperability and interconnection of any connected electronic communications equipment, electronic communications facilities, and radio equipment;

(c) regulate performance and operations of all radio equipment, including subscriber equipment, in order to limit interference to electronic communications equipment and facilities;

(d) regulate safety aspects of electronic communications equipment or facilities;

(e) harmonize the applicable standards;

(f) specify the mandatory standards to be used by the Authority for Type Approval of electronic communications equipment or electronic communications facilities, including radio equipment;

(g) specify the mandatory Electromagnetic Compatibility (EMC) standards to which all electrical and electronic equipment must comply.

3. SCOPE OF THESE REGULATIONS

These Regulations must be applied to all electronic communications equipment and facilities, including radio equipment.

4. ELECTROMAGNETIC COMPATABILITY [*sic*] STANDARDS (EMC)

(1) In the event that no reference is made to the installation type, or if the equipment may be installed in Domestic or Industrial sites, the Domestic levels must apply;

(2) When testing for compliance with the relevant emission standards, the test equipment must comply with SANS 216 (CISPR 16) as prescribed in these Regulations. When testing for compliance with the relevant immunity standards, the test equipment must comply with the relevant standard as prescribed in these Regulations;

(3) Product specific EMC standards will take precedence over Product-family EMC standards. Product-family standards will take precedence over Generic standards.

5. APPLICATION OF THESE REGULATIONS

(1) All equipment for which a valid ICASA Type Approval Certificate was issued prior to the promulgation of these Regulations will be considered as being issued pursuant to these Regulations;

(2) Unless otherwise specified in these Regulations, all Type Approval Certificates issued in terms of a previous standard remain valid;

(3) In the event that there exist inconsistences with the frequency ranges as detailed in an applicable standard, to that extent, the applicable frequency plan shall prevail.

6. CONSEQUENTIAL AMENDMENTS TO EXISTING STANDARDS

(1) All references made to other international standards or documents within standards listed in these Regulations will only apply in so far as it is not in conflict with the Act or any Regulation.

7. REPEAL

(1) Regulations in respect of technical standards for electronic communication equipment, as published in the *Government Gazette* No. 32885, Notice 46 of 2010, is hereby repealed.

8. SHORT TITLE AND COMMENCEMENT

(1) These Regulations will be known as the Official List of Regulated Standards for Technical Equipment and Electronic Communications Facilities and will come into operation on publication thereof in the *Gazette.*

9. OFFENCES AND PENALTIES

(1) A person who contravenes the provisions of these Regulations or an order or determination made by the authority in terms thereof, is guilty of an offence, and if convicted, is liable to a fine not exceeding one million Rands during the period within which the contravention occurred.

10. ……..

(Regulation 10 repealed by regulation 3 of GN 357 of 2020)

11. …….

(Regulation 11 repealed by regulation 3 of GN 357 of 2020)

Annexure A

OFFICIAL LIST OF ICASA REGULATED STANDARDS FOR TECHNICAL EQUIPMENT AND ELECTRONIC COMMUNICATIONS FACILITIES

These EMC Standards specify the general conditions, methods of measurement and associated tests methods and limits.

Classification of Equipment	Applicable Standard
Radio disturbance and immunity measuring apparatus - Measuring apparatus	SANS 216-1-1 (CISPR 16-1-1)
Radio disturbance and immunity measuring apparatus - Ancillary equipment - Conducted disturbances	SANS 216-1-2 (CISPR 16-1-2)
Radio disturbance and immunity measuring apparatus - Ancillary equipment - Disturbance power	SANS 216-1-3 (CISPR 16-1-3)
Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements	SANS 216-1-4 (CISPR 16-1-4)
Radio disturbance and immunity measuring apparatus - Antenna calibration test sites for 30 MHz to 1 000 MHz	SANS 216-1-5 (CISPR 16-1-5)
Methods of measurement of disturbances and immunity - Conducted disturbance measurements	SANS 216-2-1 (CISPR 16-2-1)
Methods of measurement of disturbances and immunity - Measurement of disturbance power	SANS 216-2-2 (CISPR 16-2-2)
Methods of measurement of disturbances and immunity - Radiated disturbance measurements	SANS 216-2-3 (CISPR 16-2-3)
Methods of measurement of disturbances and immunity - Immunity measurements	SANS 216-2-4 (CISPR 16-2-4)
Limits - Limits for harmonic current emissions (equipment input current ≤ 16A per phase)	SANS 61000-3-2 (IEC 61000-3-2)
Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection	SANS 61000-3-3 (IEC 61000-3-3)
Limits - Limitation of emission of harmonic currents in low-voltage power supply systems for equipment with rated current greater than 16 A	SANS 61000-3-4 (IEC 61000-3-4)

Classification of Equipment	Applicable Standard
Limits - Limitation of voltage fluctuations and flicker in low-voltage power supply systems for equipment with rated current greater than 75 A	SANS 61000-3-5 (IEC 61000-3-5)
Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection	SANS 61000-3-11 (IEC 61000-3-11)
Testing and measurement techniques – Electrostatic discharge immunity test	SANS 61000-4-2 (IEC 61000-4-2)
Testing and measurement techniques - Radiated, radio frequency, electromagnetic field immunity test	SANS 61000-4-3 (IEC 61000-4-3)
Testing and measurement techniques - Electrical fast transient/burst immunity test	SANS 61000-4-4 (IEC 61000-4-4)
Testing and measurement techniques - Surge immunity test	SANS 61000-4-5 (IEC 61000-4-5)
Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	SANS 61000-4-6 (IEC 61000-4-6)
Testing and measurement techniques - General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto	SANS 61000-4-7 (IEC 61000-4-7)
Testing and measurement techniques - Power frequency magnetic field immunity test	SANS 61000-4-8 (IEC 61000-4-8)
Testing and measurement techniques - Pulse magnetic field immunity test	SANS 61000-4-9 (IEC 61000-4-9)
Testing and measurement techniques - Damped oscillatory magnetic field immunity test	SANS 61000-4-10 (IEC 61000-4-10)
Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	SANS 61000-4-11 (IEC 61000-4-11)
Testing and measurement techniques - Ring wave immunity test	SANS 61000-4-12 (IEC 61000-4-12)
Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests	SANS 61000-4-13 (IEC 61000-4-13)
Testing and measurement techniques - Voltage fluctuation immunity test for equipment with input current not exceeding 16 A per phase	SANS 61000-4-14 (IEC 61000-4-14)
Testing and measurement techniques - Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz	SANS 61000-4-16 (IEC 61000-4-16)
Testing and measurement techniques - Ripple on d.c. input power port immunity test	SANS 61000-4-17 (IEC 61000-4-17)
Testing and measurement techniques - Emission and immunity testing in transverse electromagnetic (TEM) waveguides	SANS 61000-4-20 (IEC 61000-4-20)
Testing and measurement techniques - Unbalance, immunity test for equipment	SANS 61000-4-27

Classification of Equipment	Applicable Standard
with input current not exceeding 16 A per phase	(IEC 61000-4-27)
Testing and measurement techniques - Variation of power frequency, immunity test for equipment with input current not exceeding 16 A per phase	SANS 61000-4-28 (IEC 61000-4-28)
Testing and measurement techniques - Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests	SANS 61000-4-29 (IEC 61000-4-29)
Testing and measurement techniques - Power quality measurement methods	SANS 61000-4-30 (IEC 61000-4-30)
Power supply interface at the input to telecommunication equipment Part 1: Operated by alternating (ac) derived from direct current (dc) sources	SANS 300132-1 (ETS300132-1)
Power supply interface at the input to telecommunication equipment Part 2: Operated by direct current (dc)	SANS 300132-2 (ETSI EN300132-2)
Power supply interface at the input to telecommunication equipment Part 3: Operated by rectified current source, alternating current source or direct current source up to 400 V	SANS 300132-3 (ETSI EN300132-3)

Generic Standards (Applicable to all equipment not specified below)

Classification of equipment	Emissions Standard	Immunity Standard
Residential, Commercial and Light-industrial products	SANS 61000-6-3 (IEC 61000-6-3)	SANS 61000-6-1 (IEC 61000-6-1)
Industrial environments	SANS 61000-6-4 (IEC 61000-6-4)	SANS 61000-6-2 (IEC 61000-6-2)

Product/Product Family EMC Standards

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of when the standard will be replaced
Information Technology Equipment	SANS 224 (CISPR 24)	None	
Multimedia Equipment	SANS 2332 (CISPR 32)	SANS 222 (CISPR 22)	31/12/2020
	SANS 2335 (CISPR 35)	SANS 224 (CISPR 24)	31/12/2020
Physical large telecommunication systems	SANS 300127 (ETSI EN 300127)	None	
Telecommunications network equipment	SANS 300386 (ETSI EN 300386)	None	
Radio communication equipment and services	SANS 301489-1 (ETSI EN 301489-1)	None	

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of when the standard will be replaced
Radio Paging Equipment	SANS 301489-2 (ETSI EN 301489-2)	None	
Short-Range Devices (SRD) - 9kHz to 40 GHz	SANS 301489-3 (ETSI EN 301489-3)	None	
Fixed radio links; Broadband Data Transmission System Base stations, ancillary equipment and services	SANS 301489-4 (ETSI EN 301489-4)	None	
Private land mobile radio and ancillary equipment (speech and non-speech)	SANS 301 489-5 (ETSI EN 301489-5)	None	
Digital Enhanced Cordless Telecommunications (DECT) equipment	SANS 301489-6 (ETSI EN 301489-6)	None	
Mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	SANS 301489-7 (ETSI EN 301489-7)	None	
GSM base station	SANS 301 489-8 (ETSI EN 301489-8)	None	
Wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices	SANS 301 489-9 (ETSI EN 301489-8)	None	
Terrestrial sound broadcasting service transmitters	SANS 301 489-11 (ETSI EN 301489-11)	None	
Very Small Aperture Terminal, Satellite Interactive Earth Station operated in the frequency ranges between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS)	SANS 301489-12 (ETSI EN 301 489-12)	None	
Analogue and digital terrestrial TV broadcasting service transmitters	SANS 301489-14 (ETSI EN 301 489-14)	None	
Commercially available amateur radio equipment	SANS 301489-15 (ETSI EN 301 489-15)	None	
Broadband Data Transmission Systems	SANS 301489-17 (ETSI EN 301 489-17)	None	
Terrestrial Trunked Radio (TETRA) Equipment	SANS 301489-18 (ETSI EN 301 489-18)	None	
Receive Only Mobile Earth Stations (ROMES) operating in the 1.5 GHz band providing data communications	SANS 301489-19 (ETSI EN 301 489-19)	None	
Mobile Earth Stations (MES) used in the	SANS 301489-20	None	

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of when the standard will be replaced
Mobile Satellite Services (MSS)	(ETSI EN 301489-20)		
Ground based VHF aeronautical mobile and fixed radio equipment	SANS 301489-22 (ETSI EN 301 489-22)	None	
IMT-2000 CDMA, Direct Spread (UTRA and E-UTRA) Base Station (BS) radio, repeater and ancillary equipment	SANS 301489-23 (ETSI EN 301 489-23)	None	
IMT-2000 CDMA Direct Spread (UTRA) for mobile and portable radio and ancillary equipment	SANS 301489-24 (ETSI EN 301 489-24)	None	
CDMA 1x spread spectrum Mobile Stations and ancillary equipment	SANS 301489-25 (ETSI EN 301 489-25)	None	
CDMA 1x spread spectrum Base Stations, repeaters and ancillary equipment	SANS 301489-26 (ETSI EN 301 489-26)	None	
Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P)	(ETSI EN 301 489-27)	None	
Medical Data Service Devices (MEDS) operating in the 401 MHz to 402 MHz and 405 MHz to 406 MHz bands	(ETSI EN 301 489-29)	None	
Equipment in the 9 kHz to 315 kHz band for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P)	(ETSI EN 301 489-31)	None	
Ultra-WideBand (UWB) devices	(ETSI EN 301 489-33)	None	
Marine Radio Equipment and Services	SANS 301843-1 (ETSI EN 301 843-1)	None	
	SANS 301843-2: (ETSI EN 301 843-2)	None	

Safety Standards

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of when the standard will be replaced
Information technology equipment	SANS 60950-1 (IEC 60950-1)	None	
Audio, Video, and similar electronic apparatus	SANS 60065 (IEC 60065)	None	

Electrical equipment for measurement, control, and laboratory use	SANS 61010-1 (IEC 61010-1)	None	
Audio/video, information and communication technology equipment	SANS 62368-1 (IEC 62368-1)	None	
Safety of toys	SANS 50071-1 (EN 71-1:2014)	None	
	SANS 50071-2 (EN 71-2:2014)	None	
	SANS 62115 (IEC 62115:2011)	None	
Electronic and electrical equipment related to human exposure	IEC 62311: 2019	None	
Low-power electronic and electrical equipment with the basic restrictions related to human exposure	IEC 62479:2010	None	
Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices	IEC 622092: 2010+AMD1	None	

Performance Standards

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of Applicable Standard when the standard will be replaced
Introduction and common requirements for IMT cellular networks	SANS 301908-1 (ETSI EN 301908-1)	None	
CDMA Direct Spread (UTRA FDD) User Equipment (UE) for IMT cellular networks	SANS 301908-2 (ETSI EN 301908-2:20)	None	
CDMA Direct Spread (UTRA FDD) Base Stations (BS) for IMT cellular networks	SANS 301908-3 (ETSI EN 301908-3)	None	
CDMA Multi-Carrier (cdma2000) User Equipment (UE) for IMT cellular networks	SANS 301908-4 (ETSI EN 301908-4)	None	
CDMA Multi-Carrier (cdma2000) Base Stations (BS and Repeaters) for IMT cellular networks	SANS 301908-5 (ETSI EN 301908-5)	None	
CDMA TDD (UTRA TDD) User Equipment (UE) for IMT cellular networks	SANS 301908-6 (ETSI EN 301908-6)	None	
CDMA TDD (UTRA TDD) Base Stations (BS) for IMT cellular networks	SANS 301908-7 (ETSI EN 301908-7)	None	

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of Applicable Standard when the standard will be replaced
Base Stations (BS) Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks, TDMA Single-Carrier (UWC 136) (UE)	SANS 301908-8 (ETSI EN 301908-8)	None	
Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks, TDMA Single-Carrier (UWC 136) (BS)	SANS 301908-9 (ETSI EN 301908-9)	None	
Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks, FDMA/TDMA (DECT)	SANS 301908-10 (ETSI EN 301908-10)	None	
CDMA Direct Spread (UTRA FDD) (Repeaters) for IMT cellular networks	SANS 301908-11 (ETSI EN 301908-11)	None	
CDMA Multi-Carrier (cdma2000) Repeaters for IMT cellular networks	ETSI EN 301 908-12	None	
Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) for IMT cellular networks	SANS 301908-13 (ETSI EN 301908-13)	None	
Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS) for IMT cellular networks	ETSI EN 301 908-14	None	
Evolved Universal Terrestrial Radio Access (E-UTRA FDD) (Repeaters) for IMT cellular networks	SANS 301908-15 (ETSI EN 301908-15)	None	
The essential Requirements for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE)	SANS 301908-16 (ETSI EN 301908-16)	None	
The essential Requirements for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (BS)	SANS 301908-17 (ETSI EN 301908-17)	None	
E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS) for IMT cellular networks	SANS 301908-18 (ETSI EN 301908-18)	None	
OFDMA TDD WMAN (Mobile WiMAX) TDD User Equipment (UE) for IMT cellular	SANS 301908-19 (ETSI EN 301908-19)	None	

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of Applicable Standard when the standard will be replaced
networks			
OFDMA TDD WMAN (Mobile WiMAX) TDD Base Stations (BS) for IMT cellular networks	SANS 301908-20 (ETSI EN 301908-20)	None	
OFDMA TDD WMAN (Mobile WiMAX) FDD User Equipment (UE) for IMT cellular networks	SANS 301908-21 (ETSI EN 301908-21)	None	
OFDMA TDD WMAN (Mobile WiMAX) FDD Base Stations (BS) for IMT cellular networks	SANS 301908-22 (ETSI EN 301908-22)	None	
Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN	SANS 301893 (ETSI EN 301893)	None	
Broadband Radio Access Networks (BRAN); 5,8 GHz fixed broadband data transmitting systems	SANS 302502 (ETSI EN 302502)	None	
On-site paging service	SANS 300224-2 (EN 300 224-2)	None	
Land Mobile Service	SANS 300086-2 (ETSI EN 300086-2)	None	
	SANS 300113-2 (ETSI EN 300113-2)	None	
	SANS 300296-2 (ETSI EN 300296-2)	None	
Terrestrial Trunked Radio (TETRA) - Voice plus Data (V+D)	SANS 303035-1 (ETSI EN 303035-1)	None	
Terrestrial Trunked Radio (TETRA) - Direct Mode Operation (DMO)	SANS 303035-2 (ETSI EN 303035-2)	None	
Terrestrial Trunked Radio (TETRA 2)	SANS 302561 (ETSI EN 302561)	None	
Global System for Mobile communications (GSM) – Base Station	SANS 301502 (ETSI EN 301502)	None	
Global System for Mobile communications (GSM) - Mobile Stations	SANS 301511 (ETSI EN 301511)	None	
Global System for Mobile communications (GSM) Repeaters	ETSI EN 303 609	None	
Radio Sites - (narrowband analogue mobile radio services)	SANS 10262-1	None	
Access Network x DSL transmission filters	SANS 101952-1-1	None	

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of Applicable Standard when the standard will be replaced
	(ETSI TS 101952-1-1)		
	SANS 101952-1-2 (ETSI TS 101952-1-2)	None	
	SANS 101952-1-3 (ETSI TS 101952-1-3)	None	
	SANS 101952-1-4 (ETSI TS 101952-1-4)	None	
	SANS 101952-1-5 (ETSI TS 101952-1-5)	None	
General requirements for ADSL	ITU-T Recommandation [*sic*] G992.1 (1999) amendement [*sic*] 1 (03/03)	None	
Splitterless asymmetric digital subscriber line (ADSL) transceivers	ITU-T Recommandation [*sic*] G.992.2 (1999) Amendment 2 (10/03)	None	
Asymmetric digital subscriber line transceivers 2 (ADSL2)	ITU-T Asymmetric digital subscriber Recommandation [*sic*] G.992.3 (2009) Corrigendum 3 (08/13)	None	
Splitterless asymmetric digital subscriber line transceivers 2 (splitterless ADSL2)	ITU-T Recommandation [*sic*] G.992.4 (07/02)	None	
Extended bandwidth ADSL2 (ADSL2+)	ITU-T Recommandation [*sic*] G.992.5 (2009) Corrigendum 1 (11/10)	None	
Very high-speed digital subscriber line transceivers (VDSL)	ITU-T Recommandation [*sic*] G.993.1 (06/04	None	
VDSL2	ITU-T Recommendation	None	

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of Applicable Standard when the standard will be replaced
	G993.2 (01/15)		
ISDN basic rate	ETSI TBR 003/A1	None	
ISDN Primary rate	ETSI TBR 004/ A1	None	
Digital unstructured leased line	ETSI TBR012	None	
Digital structured leased line	ETSI TBR013	None	
Point-to-Point digital fixed radio systems and antennas	SANS 301751 (ETSI EN 301751)	None	
multipoint digital fixed radio systems and antennas	SANS 301753 (ETSI EN 301753)	None	
Multipoint digital fixed radio systems and antennas	SANS 302326-2 (ETSI EN 302326-2)	None	
Multipoint Radio Antennas	SANS 302326-3: (ETSI EN 302326-3)	None	
Very Small Aperture Terminal (VSAT)	SANS 301443 (ETSI EN 301443)	None	
	SANS 301428 (ETSI EN 301428)	None	
Satellite News Gathering Transportable Earth Stations (SNG TES)	SANS 301430 (ETSI EN 301430)	None	
Digital Enhanced Cordless Telecommunications (DECT)	SANS 301406 (ETSI EN 301406)	None	
CT2 cordless telephone equipment	SANS 301797 (ETSI EN 301797)	None	
Point-to-point equipment	SANS 300630 (ETSI EN 300630)	None	
	SANS 300633 (ETSI EN 300633)	None	
	SANS 300234 (ETSI EN 300234)	None	
	SANS 301461 (ETSI EN 301461)	None	
	SANS 301277 (ETSI EN 301277)	None	
	SANS 301127 (ETSI EN 301127)	None	
	SANS 301669	None	

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of Applicable Standard when the standard will be replaced
	(ETSI EN 301669)		
	SANS 301216 (ETSI EN 301216)	None	
	SANS 301128 (ETSI EN 301128)	None	
	SANS 300639 (ETSI EN 300639)	None	
	SANS 300786 (ETSI EN 300786)	None	
	SANS 300430 (ETSI EN 300430)	None	
	SANS 300198 (ETSI EN 300198)	None	
	SANS 300431 (ETSI EN 300431)	None	
	SANS 300197 (ETSI EN 300197)	None	
	SANS 302217-2-2 (ETSI EN 302217-2-2)	None	
	SANS 302217-3 (ETSI EN 302217-3)	None	
	SANS 302217-4-2 (ETSI EN 302217-4-2)	None	
Point-to-multipoint equipment	SANS 300636 (ETSI EN 300636)	None	
	SANS 301021 (ETSI EN 301021)	None	
	SANS 301213 (EN 301213)	None	
Non-Specific Short Range Devices (SRD) and inductive loop systems	SANS 300330-1 (ETSI EN 300330-1)	None	
	SANS 300330-2 (ETSI EN 300330-2)	None	
Ultra Low Power Active Medical Implants (ULP-AMI) and accessories (ULP-AMI-P)	ETSI EN 302195	None	
	ETSI EN 301839	None	
Ultra Low Power Animal Implantable Devices	ETSI EN 302536	None	

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of Applicable Standard when the standard will be replaced
(ULP-AID) and associated peripherals			
Ultra Low Power Medical Data Service (MEDS)	ETSI EN 302537	None	
Land Mobile Service; Analogue and Digital Public Mobile Radio (PMR) Equipment	ETSI EN 303405	None	
Land Mobile Service Radio equipment using integral antennas	SANS 300296-2 (ETSI EN 300296-2)	None	
Non-Specific Short Range Devices	SANS 300220-1 (ETSI EN 300220-1)	None	
	SANS 300220-2 (ETSI EN 300220-2)	None	
	ETSI EN 300220-3-1	None	
	ETSI EN 300220-3-2	None	
	ETSI EN 300220-4	None	
	ETSI EN 300440	None	
	ETSI EN 305550-2	None	
Wireless microphones	SANS 300422-1 (ETSI EN 300422-1)	None	
	ETSI EN 300 422-2	None	
	ETSI EN 300422-3	None	
	ETSI EN 300422-4	None	
Cordless audio devices	ETSI EN 301357	None	
CT2 cordless telephone equipment	SANS 301797 (ETSI EN 301797)	None	
Wideband transmission systems; Data transmission equipment	SANS 300328 (ETSI EN 300328)	None	
Radio Frequency Identification (RFID) Equipment	SANS 302208-2 (ETSI EN 302208-2)	None	
Ultra Wide Band technology (UWB)	ETSI EN 302065-1	None	
	ETSI EN 302065-2	None	
	ETSI EN 302065-3	None	
	ETSI EN 302065-4	None	
	ETSI EN 302065-5	None	
Wireless Industrial Applications (WIA) Equipment	ETSI EN 303258	None	

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of Applicable Standard when the standard will be replaced
Road Transport and Traffic Telematics (RTTT)	SANS 300674-1 (ETSI EN 300674-1)	None	
	SANS 301091-2 (ETSI EN 301091-2)	None	
Transport and Traffic Telematics (TTT)	ETSI EN 300674-2-1	None	
	ETSI EN 300674-2-2	None	
	SANS 301091-2 (ETSI EN 301091-2)	None	
	ETSI EN 302858	None	
Tank Level Probing Radar (TLPR) equipment	ETSI EN 302372	None	
Level Probing Radar (LPR) equipment	ETSI EN 302729	None	
Intelligent Transport Systems (ITS) Radiocommunications equipment	ETSI EN 302686	None	
	ETSI EN 302571	None	
Multiple-Gigabit/s radio equipment	ETSI EN 302567	None	
White Space Devices (WSD	ETSI EN 301598	None	
Global Navigation Satellite System (GNSS) receivers	ETSI EN 303413	None	
Wireless power transmission systems	ETSI EN 303417	None	
Digital Terrestrial TV Broadcast Receivers	ETSI EN 303340	None	
Broadcast Sound Receivers	ETSI EN 303345	None	
Standard Specification for TLTE for Connection to the Public Switched Telephone Network	SATRA-TE-001	None	
Functional Requirements for Telephone Answering Machines and Recording Equipment	SATRA-TE-002	None	
Functional Requirements for Repertory Dialing Equipment	SATRA-TE-003	None	
Functional Requirements for Remote Supervisory Equipment	SATRA-TE-004	None	
Functional Requirements for Loudspeaking Equipment	SATRA-TE-005	None	
Functional Requirements for Facsimile Transceivers	SATRA-TE-006	None	
Functional Requirements for Automatic Call	SATRA-TE-007	None	

Classification of Equipment	Applicable Standard	Standard to be replaced	Date of Applicable Standard when the standard will be replaced
Diverting Equipment			
Functional Requirements for Equipment for use in Industrial Environments	SATRA-TE-008	None	
Functional Requirements for TLTE connected to Leased-Line Circuits	SATRA-TE-009	None	
Functional Requirements for Cordless Telephones (CT 1); 914-915 and 959-960 MHz	SATRA-TE-011	None	
Functional Requirements for Second Generation Low-Power Digital Cordless Telephones (CT2); 864,100-868,100 MHz	SATRA-TE-012	None	
Functional Requirements for Low-Power Cordless Telephones; 46-49 MHz	SATRA-TE-013	None	
Functional Requirements for Automatic Fee Recording Equipment	SATRA-TE-014	None	
Functional Requirements for Call Restriction Devices	SATRA-TE-015	None	
Functional Requirements for Data Modems	SATRA-TE-018	None	

Non-telecommunication EMC standards

Classification of equipment	Applicable Standard	Standards to be replaced	Date of when the standard will be replaced
Industrial, Scientific and Medical (ISM) equipment, excluding telecommunications equipment operating in the ISM band	SANS 211 (CISPR 11)		
	SANS 2335 (CISPR 35)	SANS 224 (CISPR 24)	2020-12-31
Vehicles, boats, and internal combustion engines	SANS 212 (CISPR 12)		
	SANS 225 (CISPR 25)		
Household appliances, electric tools and similar apparatus	SANS 214-1 (CISPR 14-1)		
	SANS 214-2 (CISPR 14-2)		
Electrical lighting and similar equipment	SANS 215		

Classification of equipment	Applicable Standard	Standards to be replaced	Date of when the standard will be replaced
	(CISPR 15)		
	SANS 61547 (IEC 61547)		
Multimedia equipment (MME)	SANS 2332 (CISPR 32)	SANS 222 (CISPR 22)	2020-12-31
	SANS 2335 (CISPR 35)	SANS 224 (CISPR 24)	2020-12-31
Commercial, light-industrial and industrial HVAC&R products	SANS 61000-6-4 (IEC 61000-6-4)		
Low voltage power supplies, d.c. output	SANS 61204-3 (IEC 61204-3)		
Electrical equipment for measurement, control and laboratory use	SANS 61326 (IEC 61326)		
Adjustable speed electrical power drive systems	SANS 61800-3 (IEC 61800-3)		
Uninterruptible power systems (UPS)	SANS 62040-2 (IEC 62040-2)		
Medical Electrical (ME) equipment and systems	SANS 60601-1-2 (IEC 60601-1-2)		

(Annexure A inserted by GN 357 of 2020)