

DEPARTMENT OF TRADE AND INDUSTRY**No. R. 513****17 April 2003****STANDARDS ACT, 1993****PROPOSED AMENDMENT OF COMPULSORY SPECIFICATION FOR THE
SAFETY OF ELECTRIC CABLES WITH EXTRUDED SOLID DIELECTRIC
INSULATION FOR FIXED INSTALLATIONS**

It is hereby made known under section (22) of the Standards Act, 1993 (Act No. 29 of 1993), that the Minister of Trade and Industry intends to amend the compulsory specification for the safety of low-voltage electric cables published by Government Notice No. R1169 of 24 November 2000, as set out in the schedule.

Any person who wishes to object to the intention of the Minister to thus amend the compulsory specification, shall lodge their objection in writing with the President, South African Bureau of Standards, Private Bag X191, Pretoria, 0001, on or before the date two (2) months after publication of this notice.

A Erwin**Minister of Trade and Industry**

SCHEDULE

PROPOSED AMENDMENT OF THE COMPULSORY SPECIFICATION FOR THE SAFTY OF ELECTRIC CABLES WITH EXTRUDED SOLID DIELECTRIC INSULATION FOR FIXED INSTALLATIONS (300 / 500 V TO 1900 / 3300 V)

1 Scope

This standard covers single-core and multi core extruded solid dielectric insulated cables of rated operating voltage (U_0 / U) in the range 300 / 500 V, for use in fixed installations.

2 Definitions

2.1 For the purposes of this specification, the definitions given in SANS 1507 apply.

2.2 **Proof of compliance:** A full safety test report issued by a laboratory accredited by an applicable internationally recognized laboratory accreditation scheme, or in the absence of an accredited laboratory, by a laboratory accepted by the SABS and a Letter of Authority (LOA) as issued by the SABS upon evaluation of the aforesaid full safety test report.

3 Particular requirements

3.1 Electric cables for fixed installations shall comply with the relevant requirements of SANS 1507: 2002. Electric cables with extruded solid dielectric insulation for fixed installations (300 / 500 V to 1900 / 3300 V),

Part 1 : General

Part 2 : Wiring cables

Part 3 : PVC Distribution cables

Part 4 : XLPE Distribution cables

Part 5 : Halogen-free distribution cables

Part 6: Service cables,

as amended from time to time.

4. General requirements

4.1 Proof of compliance:

4.1.1 Proof of compliance shall be made available to the SABS in respect of each item of apparatus covered by the scope of this compulsory specification prior to the sale of such items.

4.1.2 Such proof of compliance shall be made available to the SABS, within 5 working days after a request during inspection by a duly authorized person of the SABS.

4.1.3 Failure to provide such proof of compliance shall constitute reasonable grounds to suspect that the item of apparatus covered by the scope of his compulsory specification, does not comply with the requirement of this compulsory specification.
