

## DEPARTMENT OF TRADE AND INDUSTRY

## NOTICE 439 OF 2018

STANDARDS ACT, 2008  
STANDARDS MATTERS

In terms of the Standards Act, 2008 (Act No. 8 of 2008), the Board of the South African Bureau of Standards has acted in regard to standards in the manner set out in the Schedules to this notice.

## SECTION A: DRAFTS FOR COMMENTS

The following draft standards are hereby issued for public comments in compliance with the norm for the development of the South Africa National standards in terms of section 23(2)(a) (ii) of the Standards Act.

Draft Standard No. and Edition	Title, scope and purport	Closing Date
SANS 13909-1 Ed 2	<i>Hard coal and coke - Mechanical sampling Part 1: General introduction.</i> Defines the basic terms used in the sampling of solid mineral fuels, describes the general principles of sampling and details the information to be provided in the documentation and the sampling report.	2018-09-12
SANS 13909-3 Ed 2	<i>Hard coal and coke - Mechanical sampling Part 3: Coal - Sampling from stationary lots.</i> Specifies procedures for the mechanical sampling of coal from stationary lots.	2018-09-12
SANS 13909-4 Ed 2	<i>Hard coal and coke - Mechanical sampling Part 4: Coal - Preparation of test samples.</i> Describes the preparation of samples of coal from the combination of primary increments to the preparation of samples for specific tests.	2018-09-12

## SCHEDULE A.1: AMENDMENT OF EXISTING STANDARDS

The following draft amendments are hereby issued for public comments in compliance with the norm for the development of the South African National Standards in terms of section 23(2)(a) (ii) of the Standards Act.

Draft Standard No. and Edition	Title	Scope of amendment	Closing Date
SANS 1707-1 Ed 1.2	<i>Sawn eucalyptus timber Part 1: Proof-graded structural timber.</i>	Amended to update the referenced standards and the figure on equilibrium moisture content.	2018-09-12
SANS 1931 Ed 1.2	<i>Particle board - Highly moisture-resistant exterior type.</i>	Amended to update referenced standards.	2018-09-12

## SCHEDULE A.2: WITHDRAWAL OF THE SOUTH AFRICAN NATIONAL STANDARDS

In terms of section 24(1)(C) of the Standards Act, the following published standards are issued for comments with regard to the intention by the South African Bureau of Standards to withdraw them.

Draft Standard No. and Edition	Title	Reason for withdrawal	Closing Date
SANS 10120-1:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 1: Format and contents</i>	Standards is obsolete	2018-09-30
SANS 10120-2 INTRO:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification, Introduction.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 A:1986 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section A: General</i>	Standards is obsolete	2018-09-30
SANS 10120-2 AA:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section AA: General (small works).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 AB:1986 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section AB: Engineer's office.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 AD:1986	<i>Code of practice for use with standardized specifications for civil engineering construction</i>	Standards is obsolete	2018-09-30

Ed 2	<i>and contract documents Part 2: Project specification Section AD: General (small dams).</i>		
SANS 10120-2 AH:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section AH: General (structural).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 C:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section C: Site clearance.</i>	Standards is obsolete	2018-09-30
SANS 10120-2D:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section D: Earthworks.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 DA:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section DA: Earthworks (small works).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 DB:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section DB: Earthworks (pipe trenches).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 DE:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section DE: Small earth dams.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 DK:1996 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section DK: Gabions and pitching.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 DM:1981 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section DM: Earthworks (roads, subgrade).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 DN:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section DN: Earthworks (railway sidings).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 F:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section F: Piling.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 G:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section G: Concrete (structural).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 GA:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section GA: Concrete (small works).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 GB:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section GB: Concrete (ordinary buildings).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 GE:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section GE: Precast concrete (structural).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 GF:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section GF: Prestressed concrete</i>	Standards is obsolete	2018-09-30
SANS 10120-2 H:1990 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification H: Structural steelwork</i>	Standards is obsolete	2018-09-30
SANS 10120-2 HA:1990 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification HA: Structural steelwork (sundry items).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 HB:1985 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section HB: Cladding and sheeting.</i>	Standards is obsolete	2018-09-30

SANS 10120-2 HC:1988 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section HC: Corrosion protection of structural steelwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 HE:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section HE: Structural aluminiumwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 AB:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section AB: Engineer's office.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 AD:1986 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section AD: General (small dams)</i>	Standards is obsolete	2018-09-30
SANS 10120-3 AH:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section AH: General (structural).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 C:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section C: Site clearance.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 D:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section D: Earthworks.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 L:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section L: Medium-pressure pipelines.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 LB:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section LB: Bedding (pipes).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 LC:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section LC: Cable ducts.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 LD:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section LD: Sewers.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 LE:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section LE: Stormwater drainage.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 LF:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section LF: Erf connections (water).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 LG:1996 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section LG: Pipe jacking</i>	Standards is obsolete	2018-09-30
SANS 10102-2 M Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section M: Roads (general)</i>	Standards is obsolete	2018-09-30
SANS 10120-2 ME:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section ME: Subbase.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 MF:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section MF: Base.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 MFL:1996 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section MFL: Base (light pavement structures).</i>	Standards is obsolete	2018-09-30
SANS 10120-2 MG:1996 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section MG: Bituminous surface treatment.</i>	Standards is obsolete	2018-09-30

SANS 10120-2 MH:1996 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section MH: Asphalt base and surfacing.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 MJ:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section MJ: Segmented paving</i>	Standards is obsolete	2018-09-30
SANS 10120-2 MK:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section MK: Kerbing and channeling.</i>	Standards is obsolete	2018-09-30
SANS 10120-2 MM:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section MM: Ancillary roadworks</i>	Standards is obsolete	2018-09-30
SANS 10120-2 NB:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 2: Project specification Section NB: Railway sidings (trackwork).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 INTRO:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design, Introduction.</i>	Standards is obsolete	2018-09-30
SANS 10120-3A:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section A: General.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 AA:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section AA: General (small works).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 DA:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section DA: Earthworks (small works).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 DB:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section DB: Earthworks (pipe trenches).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 DE:1984 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section DE: Small earth dams.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 DK:1996 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section DK: Gabions and pitching.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 DM:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section DM: Earthworks (roads, subgrade).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 DN:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section DN: Earthworks (railway sidings).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 F:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section F: Piling.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 G:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section G: Concrete (structural).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 GA:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section GA: Concrete (small works).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 GB:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section GB: Concrete (ordinary buildings).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 GE:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section GE: Precast concrete (structural).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 GF:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for</i>	Standards is obsolete	2018-09-30



	<i>design Section GF: Prestressed concrete.</i>		
SANS 10120-3 H:1990 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section H: Structural steelwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 HA:1990 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section HA: Structural steelwork (sundry items).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 HB:1990 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section HB: Cladding and sheeting.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 HC:1988 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section HC: Corrosion protection of structural steelwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 HE:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section HE: Structural aluminiumwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 L:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section L: Medium-pressure pipelines.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 LB:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section LB: Bedding (pipes).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 LC:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section LC: Cable ducts.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 LD:1981 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section LD: Sewers.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 LE:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section LE: Stormwater drainage.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 LF:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section LF: Erf connections (water).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 LG:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section LG: Pipe jacking.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 M:1996 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section M: Roads (general).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 ME:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section ME: Subbase.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 MF:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section MF: Base.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 MFL:1996 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section MFL: Base (light pavement structures).</i>	Standards is obsolete	2018-09-30
SANS 10120-3 MG:1996 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section MG: Bituminous surface treatment.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 MH:1996 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section MH: Asphalt base and surfacing.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 MJ:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section MJ: Segmented paving.</i>	Standards is obsolete	2018-09-30

SANS 10120-3 MK:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section MK: Kerbing and channeling.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 MM:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section MM: Ancillary roadworks.</i>	Standards is obsolete	2018-09-30
SANS 10120-3 NB:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 3: Guidance for design Section NB: Railway sidings (trackwork).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 INTRO:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities, Introduction.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 A:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section A: General.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 AA:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section AA: General (small works).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 AB:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section AB: Engineer's office.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 AD:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section AD: General (small dams).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 AH:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section AH: General (structural).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 C:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section C: Site clearance.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 D:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section D: Earthworks.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 DA:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section DA: Earthworks (small works).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 DB:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section DB: Earthworks (pipe trenches).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 DE:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section DE: Small earth dams.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 DK:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section DK: Gabions and pitching.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 DM:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section DM: Earthworks (roads, subgrade).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 DN:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section DN: Earthworks (railway sidings).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 F:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section F: Piling.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 G:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section G: Concrete (structural).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 GA:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section GA: Concrete (small works).</i>	Standards is obsolete	2018-09-30

SANS 10120-4 GB:1982 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section GB: Concrete (ordinary buildings).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 GE:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section GE: Precast concrete (structural).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 GF:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section GF: Prestressed concrete.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 H:1990 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section H: Structural steelwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 HA:1990 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section HA: Structural steelwork (sundry items).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 HB:1985 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section HB: Cladding and sheeting.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 HC:1988 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section HC: Corrosion protection of structural steelwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 HE:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section HE: Structural aluminiumwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 L:1988 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section L: Medium-pressure pipelines.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 LB:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section LB: Bedding (pipes).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 LC:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section LC: Cable ducts.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 LD:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section LD: Sewers.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 LE:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section LE: Stormwater drainage.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 LF:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section LF: Erf connections (water).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 LG:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section LG: Pipe jacking.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 M:1981 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section M: Roads (general).</i>	Standards is obsolete	2018-09-30
SANS 10120-4 ME:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section ME: Subbase.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 MF:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section MF: Base.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 MFL:1996 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedules of quantities Section MFL: Base (light pavement structures)</i>	Standards is obsolete	2018-09-30



SANS 10120-4 MG:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section MG: Bituminous surface treatment.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 MH:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section MH: Asphalt base and surfacing.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 MJ:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section MJ: Segmented paving.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 MK:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section MK: Kerbing and channelling.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 MM:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section MM: Ancillary roadworks.</i>	Standards is obsolete	2018-09-30
SANS 10120-4 NB:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 4: Typical schedule of quantities Section NB: Railway sidings (trackwork).</i>	Standards is obsolete	2018-09-30
SANS 10120-5 INTRO:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration, Introduction.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 A:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section A: General.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 AA:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section AA: General (small works).</i>	Standards is obsolete	2018-09-30
SANS 10120-5 AB:1986 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section AB: Engineer's office.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 AD:1986 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section AD: General (small dams).</i>	Standards is obsolete	2018-09-30
SANS 10120-5 AH:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section AH: General (structural).</i>	Standards is obsolete	2018-09-30
SANS 10120-5 C:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section C: Site clearance.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 D:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section D: Earthworks.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 DA:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section DA: Earthworks (small works).</i>	Standards is obsolete	2018-09-30
SANS 10120-5 DB:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section DB: Earthworks (pipe trenches).</i>	Standards is obsolete	2018-09-30
SANS 10120-5 DE:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section DE: Small earth dams</i>	Standards is obsolete	2018-09-30
SANS 10120-5 DK:1996 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section DK: Gabions and pitching.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 DM:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section DM: Earthworks (roads, subgrade).</i>	Standards is obsolete	2018-09-30



SANS 10120-5 DN:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section DN: Earthworks (railway sidings)</i>	Standards is obsolete	2018-09-30
SANS 10120-5 F:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section F: Piling</i>	Standards is obsolete	2018-09-30
SANS 10120-5 G:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section G: Concrete (structural)</i>	Standards is obsolete	2018-09-30
SANS 10120-5 GA:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section GA: Concrete (small works)</i>	Standards is obsolete	2018-09-30
SANS 10120-5 GB:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section GB: Concrete (ordinary buildings)</i>	Standards is obsolete	2018-09-30
SANS 10120-5 GE: 1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section GE: Precast concrete (structural)</i>	Standards is obsolete	2018-09-30
SANS 10120-5 GF:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section GF: Prestressed concrete.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 H:1990 Ed 3	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section H: Structural steelwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 HA:1990 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section HA: Structural steelwork (sundry items).</i>	Standards is obsolete	2018-09-30
SANS 10120-5 HB:1985 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section HB: Cladding and sheeting.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 HC:1988 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section HC: Corrosion protection of structural steelwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 HE:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section HE: Structural aluminiumwork.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 L:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section L: Medium-pressure pipelines.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 LB:1983 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section LB: Bedding (pipes).</i>	Standards is obsolete	2018-09-30
SANS 10120-5 LC:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section LC: Cable ducts.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 LD:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section LD: Sewers.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 LE:1982 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section LE: Stormwater drainage.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 LF:1982 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section LF: Erf connections (water).</i>	Standards is obsolete	2018-09-30

SANS 10120-5 LG:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section LG: Pipe jacking.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 M:1996 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section M: Roads (general).</i>	Standards is obsolete	2018-09-30
SANS 10120-5 ME:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section ME: Subbase.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 MF:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section MF: Base.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 MFL:1996 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section MFL: Base (light pavement structures).</i>	Standards is obsolete	2018-09-30
SANS 10120-5 MG:1996 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section MG: Bituminous surface treatment.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 MH:1996 Ed 2	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section MH: Asphalt base and surfacing.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 MJ:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section MJ: Segmented paving.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 MK:1983 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section MK: Kerbing and channelling.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 MM:1984 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section MM: Ancillary roadworks.</i>	Standards is obsolete	2018-09-30
SANS 10120-5 NB:1981 Ed 1	<i>Code of practice for use with standardized specifications for civil engineering construction and contract documents Part 5: Contract administration Section NB: Railway sidings (trackwork).</i>	Standards is obsolete	2018-09-30
SANS 1163:1977 Ed 1	<i>Detergent for domestic dishwashing machines.</i>	Standard is obsolete	2018-09-30

**SCHEDULE A.3: WITHDRAWAL OF INFORMATIVE AND NORMATIVE DOCUMENTS**

In terms of section 24(5) of the Standards Act, the following documents are being considered for withdrawal.

Draft Standard No. and Edition	Title	Reason for withdrawal	Closing Date

**SECTION B: ISSUING OF THE SOUTH AFRICAN NATIONAL STANDARDS****SCHEDULE B.1: NEW STANDARDS**

The following standards have been issued in terms of section 24(1)(a) of the Standards Act.

Standard No. and year	Title, scope and purport
SANS 2972:2018 Ed 1	<i>Lifting tackle – Inspections.</i> Describes the inspection of lifting tackle.

**SCHEDULE B.2: AMENDED STANDARDS**

The following standards have been amended in terms of section 24(1)(a) of the Standards Act.

Standard No. and year	Title, scope and purport
SANS62271-211:2018 Ed 1	<i>High-voltage switchgear and controlgear - Part 211: Direct connection between power transformers and gas-insulated metal-enclosed switchgear for rated voltages above 52 Kv. Consolidated edition incorporating amendment No.1.</i> Corrected to replace the figures on typical direct connection between power transformer and gas-insulated metal-enclosed switchgear and on standard dimensions for typical direct connection between power transformer and gas-insulated metal-enclosed switchgear.
SANS 62271-305:2018 Ed 1	<i>High-voltage switchgear and controlgear Part 305: Capacitive current switching capability of air-insulated disconnectors for rated voltages above 52 Kv. Consolidated edition incorporating amendment No.1</i> Corrected to update the subclause on test circuit.
SANS 5221:2018 Ed 4.5	<i>Microbiological analysis of water - General test methods. Consolidated edition incorporating amendment No.5.</i> Amended to update the footnote on alternative methods for heterotrophic plate count in water.

**SCHEDULE B.3: WITHDRAWN STANDARDS**

In terms of section 24(1)(C) of the Standards Act, the following standards have been withdrawn.

Standard No. and year	Title
SANS 10140-5	<i>Identification colour marking Part 5: Coding of containers for carrying lubricants and associated fluids.</i>

**SCHEDULE B.4: ESTABLISHMENT OF TECHNICAL COMMITTEES**

In terms of section 4(2) (l) the South African Bureau of Standards has established the following technical committees:

Technical Committee No.:	Title	Scope

**SCHEDULE B.4: DISBANDMENT OF TECHNICAL COMMITTEES**

In terms of section 4(2) (l) the South African Bureau of Standards has disbanded the following technical committees:

Technical Committee No.:	Title	Scope

If your organization is interested in participating in these committees, please send an e-mail to [Dsscomments@sabs.co.za](mailto:Dsscomments@sabs.co.za) for more information.

**SCHEDULE 5: ADDRESSES OF THE SOUTH AFRICAN BUREAU OF STANDARDS OFFICES**

The addresses of offices of the South African Bureau of Standards where copies of the standards mentioned in this notice can be obtained, are as follows:

1. Gauteng Head Office, 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.
2. Western Cape Regional Office, SABS, Liesbeek Park Way, Rosebank, PO Box 615, Rondebosch 7701.
3. Eastern Cape Regional Office, SABS, 30 Kipling Road, cor. Diaz and Kipling Roads, Port Elizabeth, PO Box 3013, North End 6056.
4. KwaZulu-Natal Regional Office, SABS, 15 Garth Road, Waterfall Park, Durban, PO Box 30087, Mayville 4058.