



**Botswana Bureau of Standards**

**BOBS Standards Work Programme  
1 April 2006 – 31 March 2007**

**Gaborone, Botswana**

The BOBS technical standards work programme lists national standards under development and those from the Southern African Development Community (SADC) region identified for harmonization.

### Botswana Draft Standards

Technical Committee	Title of draft standard	Present Stage	ICS Classification	Reference standard
AFD1 Fruits and vegetables	Butternut – grading requirements	10.00	-	-
	Green pepper – Grading requirements	30.20	-	-
AFD2 Animal feeding stuff	Broiler breeder feeds	50.99	-	-
	Guinea fowls feeds	50.99	-	-
AFD3 Cereals and pulses	Rice specification	20.20	-	-
	Milled maize products	50.99	-	-
AFD4 Milk and milk products	General cheese specification	50.92	-	-
	Code of practice – milk processing	10.00	-	-
AFD7 Meat and meat products	Specification for fresh beef	10.00	-	-
AFD8 Honey and bee products	Honey – Specification	50.92	-	-
	Specification for beeswax	10.00	-	-
AFD	Food safety management	50.60	-	-
	Spices specification	50.99	-	-
	Tea specification	50.99	-	-

BCD1 Cement, Lime and Masonry Units	Cement – Part 2: Conformity evaluation	30.20	91.100.10	EN 197-2
	Concrete masonry units	90.20	91.100.30	BOS 27
	Burnt clay masonry units	90.20	91.100.20	BOS 28
	Concrete paving blocks	90.20	91.100.30	BOS 29
	Burnt clay paving units	90.20	91.100.20	BOS 30
BCD2 Tiles	Installation of textile floor coverings – COP	30.20	59.080.60	SANS 10186
	Textile floor coverings (pile construction) – Specification	10.00	59.080.60	SANS 1375
	Waterproofing materials for buildings – COP	10.00	83.140.10	SANS 952
	Antistatic conductive tiles – Specification	10.00	-	-
	Glass reinforced polyester laminated sheets – Specification	10.00	59.100.10	SANS 141
	Textile floor coverings (needle punched construction) – Specification	10.00	59.080.60	SANS 1415
	The maintenance of textile floor coverings – Specification	10.00	59.080.60	SANS 10245
BCD3 Roads	Civil engineering construction – subbase – Specification	10.00	93.080.10	1200 ME
	Civil engineering construction – base – Specification	10.00	93.080.10	1200 MF
	Civil engineering construction – bituminous surface treatment – Code of practice	10.00	93.080.20	1200 MG
BCD4 Concrete	Precast concrete railway sleepers – Specification	10.00	90.100.30	
	Concrete tests – dimensions, tolerances and use of cast test specimen	60.00	90.100.30	ISO1920-1
	Concrete tests – mixing of fresh concrete in laboratory	60.00	91.100.30	ISO1920-2
	Concrete tests – making and curing of test specimen	50.00	91.100.30	ISO1920-4
	Concrete tests – compressive strength of hardened concrete	50.00	91.100.30	ISO1920-5

BCD6 Concrete reinforcing materials	The use of reinforcement cover devices for reinforced concrete – Code of practice	30.99	91.080.40	SANS10144
	Detailing of steel reinforcement for concrete – Code of practice	30.99	91.100.30	ARP 040
BCD7 Timber and timber products	Laminated timber (glulam) - Specification	20.20	79.040	SANS 1460
	Plywood and composite boards – Specification	20.20	79.060.10	SANS 929
	Terminology and classification of adhesives for wood – Spec	10.00	01.040.83	SANS 10183
	Particle boards – Part 1: General requirements	10.00	79.060.20	SANS 50312-1
	Particle boards – Part 2: General purpose boards for use in dry conditions	10.00	79.060.20	SANS 50312-2
	Wooden windows – Specification	10.00	91.060.50	BS 644
	Determination of bills of quantities for building projects	10.00	-	-
BCD 8 Furniture	Furniture – Part 1: Seating	30.20	97.140	SANS 1528
	Furniture – Part 2: Desks, tables and computer stands	30.20	97.140	SANS 1528
	Furniture – Part 3: Storage units	30.20	97.140	SANS 1528
	Furniture – Part 4: Bunk beds for domestic use	30.20	97.140	SANS 1528
	Furniture – Part 6: High chairs for domestic use	30.20	97.140	SANS 1528
	Furniture – Part 7: Children’s cots for domestic use	30.20	97.140	SANS 1528
	Furniture – Tests for surfaces Part 2: Assessment of resistance to wet heat	30.20	97.140	SANS 1528
	Furniture – Tests for surfaces Part 3: Assessment of resistance to dry heat	30.20	97.140	SANS 1528
	Furniture – Tests for surfaces Part 4: Assessment of resistance to impact	30.20	97.140	SANS 1528

CD2 Stationery	Scissors, paper, schools – Specification	10.00	85.080	CKS 135
	Toilet and tissue paper – Specification	10.00	85.080	SABS 792
	Rulers, plastics – Specification	10.00	83.140.99	SABS 1588
CD5	Detergent – gel non-abrasive – Specification	50.00	-	-
	Disinfectants – Phenolics – Specification	50.00	-	-
	Polishes – Liquid furniture – Specification	50.00	-	-
	Car shampoos – Specification	50.00	-	-
	Floor stripper – Specification	50.00	-	-
EED2	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 4: Sheathed cables for fixed wiring	30.20	-	-
	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 5: Flexible cables (cords)	30.20	-	-
	Earthing	50.20	-	-

EED3	Safety of information technology - Specification	20.00		EN 60950
	Safety requirements for radio transmitting equipment	20.00		EN 60215
	Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 10 GHz used in EAS and RFID	20.00	13.280	EN 50364
	Compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz to 3 GHz)	20.00	33.050	EN 50360
	Compliance of low power electronic and electrical apparatus with basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)	20.00	13.280	EN 50371
	Compliance of electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (0 Hz to 300 GHz)	20.00	13.392	EN 50392
EED5	Household and similar electrical appliances – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances	30.20	-	-
	Household and similar electrical appliances – Part 2-13: Particular requirements for deep frying pans and similar appliances	30.20	-	-
EMD1 Environmental management	Green House Gases – Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals	20.20	13.020.40	ISO 14064-1
	Green House Gases – Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements	20.20	13.020.40	ISO 14064-2
	Green House Gases – Specification with guidance for the validation and verification of greenhouse gas assertions	20.20	13.020.40	ISO 14064-3

EMD2 Water quality	Bottled natural water – Specification	20.20	13.060.20	SANS 1862
	Bottled water other than natural water– Specification	20.00	13.060.20	SANS 1657
	Bottled water – Code of practice	10.00	13.060.20	CAC/RPC 48
	Water quality – Sampling – Part 1: Guidance on design of sampling programmes	20.20	13.060.45	ISO 5667-1
	Water quality – Sampling – Part 2: Guidance on sampling techniques	20.20	13.060.45	ISO 5667-2
	Water quality – Sampling – Part 3: Guidance on preservation and handling of water samples	20.20	13.060.45	ISO 5667-3
	Water quality – Sampling – Part 4: Guidance on sampling from lakes, natural and man-made	20.20	13.060.45	ISO 5667-4
	Water quality – Sampling – Part 5: Guidance on sampling of drinking water from treatment works and piped distribution systems	20.20	13.060.45	ISO 5667-5
	Water quality – Sampling – Part 6: Guidance on rivers and streams	20.20	13.060.45	ISO 5667-6
MED1 Liquid petroleum gas	Cooking appliances for use with gas fuel – Specification	10.00	97.040.20	SANS 447
	Metallic hose assemblies for LP gases and liquefied petroleum gases – Specification	10.00	23.040.70	BS 4089

MED2 Fire safety	Technical competence evaluation for fire fighting protection services – Code of practice	30.60	13.220.01	-
	Fire protection – Portable rechargeable fire extinguishers – Specification	10.00	13.220.10	ISO 7165
	The classification, use and control of fire-fighting equipment – Code of practice	10.00	13.220.01	BS EN 2
	Fire detection and fire alarm systems for buildings – Code of practice for system design, installation, commissioning and maintenance	10.00	13.220.20	BS 5839
MED4 Door and window frames	Locks, latches, and associated furniture for doors	30.20	91.060.50	SANS 4
MED5 Motor vehicles	Wheel flaps fitted to motor vehicles	50.20	43.040.60	SANS 1496
	Replacing silencing systems for motor vehicles	30.20	43.060.20	SANS 1428
MED7 Agricultural machinery	Harvesters – Specification	10.00	65.060.01	-
	Planters – Specification	10.00	65.060.01	-
	Ploughs – Specification	10.00	65.060.01	-
	Water pumps – Specification	10.00	91.140.60	-

TCD1 Textiles and clothing	School clothing – Part 1: General requirements for school clothing	50.00	61.020	SANS 1118-1
		50.00	61.020	SANS 1118-2
	School clothing – Part 2: Blazers	50.00	61.0.20	SANS 1118-3
	School clothing – Part 3: Trousers and shorts	50.00	61.020	SANS 1118-4
	School clothing – Part 4: Shirts	50.00	61.020	SANS 1118-6
	School clothing – Part 6: Dresses, tunics and gyms	50.00	61.020	SANS 1118-7
	School clothing – Part 7: Girls slacks and skirts	50.00	61.020	SANS 1118-9
	School clothing – Part 9: Knee-high stockings and ankle socks	50.00	61.020	SANS 1118-10
	School clothing – Part 10: Jerseys and cardigans	50.00	61.020	SANS 1118-11
	School clothing – Part 11: Briefs	50.00	61.020	SANS 1118-13
	School clothing – Part 13: Athletic wear	50.00	59.080.30	SANS 14 44-1
	School wear fabrics – Part 1: Basic requirements	50.00	59.080.30	SANS 1444-2
	School wear fabrics – Part 2: Blazer fabrics	50.00	59.080.30	SANS 1444-3
	School wear fabrics – Part 3: Polyester-wool fabrics	50.00	59.080.30	SANS 1444-4
	School wear fabrics – Part 4: Polyester and viscose fabrics	50.00	59.080.30	SANS 1444-5
	School wear fabrics – Part 5: Polyester and cotton	50.00	59.080.30	SANS 1444-6
	School wear fabrics – Part 6: Shirting and blouse fabrics	50.00	59.080.30	SANS 1444-7
	School wear fabrics – Part 7: Fabrics containing textured yarns	50.00	59.080.30	SANS 1444-8
	School wear fabrics – Part 8: Warp-knitted fabrics	30.00	59.080.30	SANS 1444-9
	Basic requirements for piece-goods for women and girls' wear			

GP3 Casino equipments	Gaming equipment – Jackpot progressives – Specification	10.00	35.240.99	-
	Gaming equipment – monitoring systems – Specification	10.00	35.240.99	-

### Regional (SADC) Standards for harmonization

Technical committee	Sub-committee	TITLE
<b>TC1 Construction</b>  (BOBS is Secretariat)		Wooden poles, droppers, guardrail posts & spacer blocks - Part 2: Softwood species
		Wooden poles, droppers, guardrail posts & spacer blocks - Part 3: Hardwood species
		Eucalyptus poles, cross-arms & spacers for power distribution & telephone systems
		The manufacture and erection of timber trusses
		Burnt clay masonry units
		Concrete masonry units
<b>TC3 Food and agriculture</b>  (BOBS is Participating member)	SC 1	Canned sweet corn
		Canned strawberries
		Canned mandarin oranges
		Canned carrots
		Canned mangoes
		Canned apricots
		Quick frozen peas
		Canned pineapples
		Canned tomato

	SC 2	Tomato concentrate (puree and paste)
		Quick frozen broccoli
		Quick frozen French fried potatoes
	SC 3	Quick frozen cauliflower
		Quick frozen carrots
		Fresh papaya
		Fresh mangoes
		Avocados
	SC 4	Canned tuna and bonito
		Quick frozen shrimps or prawns
		Quick frozen blocks of fish fillet, minced fish, flesh and mixtures of fillets and minced fish flesh
		Quick frozen fish sticks (fish fingers), fish portions and fish fillets – breaded or in batter
		Quick frozen fish fillets
	SC 5	Honey
		Sweetened condensed milk
		Yoghurt (Part 1: Specification for yoghurt and sweetened yoghurt)
		Yoghurt (Part 2: Flavoured yoghurt)
		milk fat products
Margarine		
SC 6	Maize (corn)	
	Rice	
	Whole and decorticated pearl millet grains	

	SC 7	Sorghum grains
		Peanuts
		Dried apricots
		Processed cereals – based food for infants and children
		Baby corn
		Dehydrated fruits and vegetables including edible fungi
		Desiccated coconut
<b>TC 7 Labeling</b>  (BOBS is Secretariat)		Labeling standard

The codes shown in the table below indicate stages of standards development.

STAGE	SUB-STAGE						
	00	20	60	90 Decision			
	Registration	Start of main action	Completion of main action	92 Repeat an earlier phase	93 Repeat current phase	98 Abandon	99 Proceed
<b>00</b> <b>Preliminar</b>	<b>00.00</b> Proposal for	<b>00.20</b> Proposal	<b>00.60</b> Review			<b>00.98</b> Proposal	<b>00.99</b> Approval to

<b>y stage</b>	new project received	for new project under review	summary circulated			for new project abandoned	ballot proposal for new project
<b>10 Proposal stage</b>	<b>10.00</b> Proposal for new project registered	<b>10.20</b> New project ballot initiated	<b>10.60</b> Voting summary circulated	<b>10.92</b> Proposal returned to submitter for further definition		<b>10.98</b> New project rejected	<b>10.99</b> New project approved
<b>20 Preparatory stage</b>	<b>20.00</b> New project registered in TC/SC work programme	<b>20.20</b> Working draft (WD) study initiated	<b>20.60</b> Comments summary circulated			<b>20.98</b> Project deleted	<b>20.99</b> WD approved for registration as CD
<b>30 Committee stage</b>	<b>30.00</b> Committee draft (CD) registered	<b>30.20</b> CD study/ballot initiated	<b>30.60</b> Comments / voting summary circulated	<b>30.92</b> CD referred back to Working Group		<b>30.98</b> Project deleted	<b>30.99</b> CD approved for registration as DIS
<b>40 Enquiry stage</b>	<b>40.00</b> DIS registered	<b>40.20</b> DIS ballot initiated: <i>5 months</i>	<b>40.60</b> Voting summary dispatched	<b>40.92</b> Full report circulated: DIS referred back to TC or SC	<b>40.93</b> Full report circulated: decision for new DIS ballot	<b>40.98</b> Project deleted	<b>40.99</b> Full report circulated: DIS approved for registration as FDIS

<b>50</b> <b>Approval stage</b>	<b>50.00</b> FDIS registered for formal approval	<b>50.20</b> FDIS ballot initiated: <i>2 months</i> . Proof sent to secretariat	<b>50.60</b> Voting summary dispatched . Proof returned by secretariat	<b>50.92</b> FDIS referred back to TC or SC		<b>50.98</b> Project deleted	<b>50.99</b> FDIS approved for publication
<b>60</b> <b>Publication stage</b>	<b>60.00</b> International Standard under publication		<b>60.60</b> International Standard published				
<b>90</b> <b>Review stage</b>		<b>90.20</b> International Standard under periodical review	<b>90.60</b> Review summary dispatched	<b>90.92</b> International Standard to be revised	<b>90.93</b> International Standard confirmed		<b>90.99</b> Withdrawal of International Standard proposed by TC or SC
<b>95</b> <b>Withdrawal stage</b>		<b>95.20</b> Withdrawal ballot initiated	<b>95.60</b> Voting summary dispatched	<b>95.92</b> Decision not to withdraw International Standard			<b>95.99</b> Withdrawal of International Standard

