

Statutory Instrument No. 48 of 2024

STANDARDS ACT
(Cap. 43:07)

STANDARDS (COMPULSORY STANDARDS) (AMENDMENT) REGULATIONS, 2024
(Published on 12th April, 2024)

ARRANGEMENT OF REGULATIONS

REGULATION

1. Citation
2. Amendment of Schedule I of Cap. 43:07 (Sub. Leg.)

IN EXERCISE of the powers conferred on the Minister of Trade and Industry by section 16 (1) (f) of the Standards Act, the following regulations are hereby made —

1. These Regulations may be cited as the Standards (Compulsory Standards) (Amendment) Regulations, 2024.

2. The Schedule to the Standards (Compulsory Standards) Regulations is amended by substituting for Schedule I the following new Schedule —

Citation

Amendment
of Schedule
I of Cap.
43:07 (Sub.
Leg.)

SCHEDULE I

(reg. 9 (1), (2) (4) and (5), 11(1), 17 (1) and (2) and 18 (1) and (2))
LIST OF PRODUCTS AND THE PRESCRIBED COMPULSORY STANDARDS

PRODUCT RANGE	REFERENCE STANDARD
MECHANICAL PRODUCTS	
1. Fire hose reels	BOS 5: Fire hose reels (with semi rigid hose)
2. Reconditioning of potable rechargeable fire extinguishers	BOS 65-1: The reconditioning of fire-fighting equipment —Part 1: Portable rechargeable fire extinguishers — Specification
3. Reconditioning of fire hose reels	BOS 65-2: The reconditioning of fire-fighting equipment – Part 2: Fire hose reels
4. Fire extinguishing media-powders	BOS 196: Fire extinguishing media-powders
5. Potable rechargeable fire extinguishers-performance and construction	BOS 252: Firefighting — Portable fire extinguishers — Performance and construction
6. Automatic fire ball extinguisher	BOS 808: Automatic fire ball extinguisher
7. Hydrants (underground and above ground)	BOS 304: Firefighting equipment – Components of underground and above ground hydrant systems
8. Hose couplings, connectors, branch pipe and nozzle connections	BOS 305: Firefighting equipment – Hose couplings, connectors, branch pipe and nozzle connections
9. Retro reflectors	BOS 320: Retro reflectors (Reflex-reflectors)
10. Regulators for liquefied Petroleum Gas (LPG)	BOS 118: Single – Stage Regulators for Liquefied Petroleum Gas (LPG)
11. Fire extinguishing medium – carbon dioxide	BOS ISO 5923: Fire extinguishing medium – Carbon dioxide
12. Fire foam concentrates	BOS ISO 7203-1: Fire extinguishing media – Foam concentrates – Part 1: Specification for low expansion foam concentrates for top applications to water-immiscible liquids
13. Fire dampers	BOS ISO 21925-1: Fire resistant tests – Fire dampers for air distribution systems – Part 1: Mechanical dampers
14. Welding steel electrodes	BOS 89: Standard specification for covered steel electrodes for the manual arc welding of carbon and carbon manganese steel
FOOD PRODUCTS	
1. Sorghum grains	BOS 26: Cereals-Whole and dehulled sorghum grains for human consumption – Specification
2. Grading of sorghum grain	BOS 63: Cereals- Classification and grading of sorghum grains intended for sale in Botswana
3. Raw Cow's Milk	BOS 64: Raw Cow's Milk (Intended for further processing)-Specification
4. Pasteurised Cow Milk	BOS 72: Pasteurised Cow Milk-Specification
5. Yoghurt, Sour Milk (<i>Madila</i>) and Buttermilk from Cow's Milk	BOS 92: Fermented Cow's Milk Products-Yoghurt, Sour Milk (<i>Madila</i>) and Buttermilk – Specification

6.	Bottled Water other than natural water	BOS 143: Bottled Water other than natural water-specification
7.	Bottled natural water	BOS 262: Bottled natural water-specification
8.	Pulses	BOS 201: Cereal and Pulses-Certain Pulses – Specification
9.	Milled maize	BOS 213: Cereal products – Milled maize products – Specification
10.	Canned meat	BOS 385: The manufacture, production, processing, and treatment of canned meat products – Specification
11.	Canned Fish Canned Marine Molluscs and Canned Crustaceans	BOS 449: Canned Fish, Canned Marine Molluscs and Canned Crustaceans and their derived products
12.	Peanut Butter	BOS 450: Peanut Butter – Specification
13.	Ultra High Temperature (UHT) Milk products	BOS 126: Milk and milk products – Ultra High Temperature treated cow's milk – Specification
16.	Rice	BOS 273: Rice grains – Specification

AGRICULTURAL PRODUCTS

1.	Chicken feeds	BOS 8-1: Poultry feeds Part 1: Chicken feeds
2.	Cattle feeds	BOS 25: Animal feeding stuffs – Part 1: Cattle feeds
3.	Pig feeds	BOS 190: Animal feeding stuffs – Pig feeds – Specification
4.	Broiler breeder feeds	BOS 225: Animal feeding stuffs – Broiler breeder feeds – Specification. This Botswana Standard specifies the basic requirements for broiler breeder feeds
5.	Sheep and goats feed	BOS 650: Animal feeding stuffs – Sheep and goats feed – Specification.

ELECTRICAL PRODUCTS

1.	13A Plugs	BOS 41-1: 13A Plugs, sockets-outlets, adapters and connection units-Part 1: Rewirable and non-rewirable fused plugs
2.	13A socket outlets	BOS 41-2: 13A Plugs, sockets-outlets, adapters and connection units-Part 2: Switched and unswitched socket outlets
3.	13A Adaptors	BOS 41-3: 13A Plugs, sockets-outlets, adapters and connection units-Part 3: Adaptors
4.	13A fused connection units	BOS 41- 4: 13A plugs, socket-outlets, adapters and connection units-Part 4: Switched and unswitched 13A fused connection units
5.	16A Plugs and Socket, Conventional system	BOS 495-1: 16A Plug and Socket-outlet systems for household and similar purposes for use in Botswana – Part 1: Conventional system,16A, 250V a.c. – Specification
6.	16A Plugs and Socket, IEC system	BOS 495-2: 16A Plug and Socket-outlet systems for household and similar purposes for use in Botswana – Part 2: IEC System,16A, 250V a.c. – Specification
7.	16A Plugs and Socket, Dedicated system	BOS 495-4: 16A Plug and Socket-outlet systems for household and similar purposes for use in Botswana-Part 4: Dedicated System,16A, 250V a.c. – Specification
8.	Packaging and marking for Electric cables with extruded solid dielectric	BOS 589-1: Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) – Part 1: Packaging and marking – Requirements

9.	Wiring cable specification for Electric cables with extruded solid dielectric insulation	BOS 589-2: Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) – Part 2: Wiring cable specification
10.	Circuit-breakers	BOS 659-1: Low voltage switchgear – Part 1: Circuit-breakers
11.	Audio, video and similar electronic apparatus	BOS IEC 60065: Audio, video and similar electronic apparatus-Safety requirements
12.	Drills	BOS IEC 60745-2-1: Hand-held motor-operated electric tools-Safety – Part 2-1: Particular requirements for drills and impact drills
13.	Grinders, Polishers and Disk type Sanders	BOS IEC 60745-2-3: Hand-held motor-operated electric tools-Safety – Part 2-3: Particular requirements for grinders, polishers and disk type sanders
14.	Sanders and Polishers other than disk type	BOS IEC 60745-2-4: Hand-held motor-operated electric tools-Safety – Part 2-4: Particular requirements for sanders and polishers other than disk type
15.	Circular saws	BOS IEC 60745-2-5: Hand-held motor-operated electric tools-Safety – Part 2-5: Particular requirements for circular saws
16.	Hammers	BOS IEC 60745-2-6: Hand-held motor-operated electric tools-Safety – Part 2-6: Particular requirements for hammers
17.	Concrete vibrators	BOS IEC 60745-2-12: Hand-held motor-operated electric tools-Safety – Part 2-12: Particular requirements for concrete vibrators
18.	Chain saws	BOS IEC 60745-2-13: Hand-held motor-operated electric tools-Safety – Part 2-13: Particular requirements for chain saws
19.	Planers	BOS IEC 60745-2-14: Hand-held motor-operated electric tools-Safety – Part 2-14: Particular requirements for planers
20.	Circuit-breakers	BOS IEC 60947-2: Low-voltage switchgear and control gear – Part 2: Circuit-breakers
21.	Switches, disconnectors, switch-disconnectors and fuse-combination units	BOS IEC 60947-3: Low-voltage switchgear and control gear – Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units
22.	Vacuum cleaners and water-suction cleaning appliances	BOS IEC 60335-2-2: Household and similar electrical appliances-Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
23.	Electric Irons	BOS IEC 60335-2-3: Household and similar electrical appliances-Safety – Part 2-3: Particular requirements for electric irons
24.	Dishwashers	BOS IEC 60335-2-5: Household and similar electrical appliances-Safety – Part 2-5: Particular requirements for dishwashers
25.	Cooking ranges, hobs, ovens and similar appliances	BOS IEC 60335-2-6: Household and similar electrical appliances-Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
26.	Washing machines	BOS IEC 60335-2-7: Household and similar electrical appliances-Safety – Part 2-7: Particular requirements for washing machines
27.	Shavers, hair clippers and similar appliances	BOS IEC 60335-2-8: Household and similar electrical appliances - Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

28.	Grills, toasters and similar portable cooking appliances	BOS IEC 60335-2-9: Household and similar electrical appliances-Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
29.	Floor treatment machines and wet scrubbing machines	BOS IEC 60335-2-10: Household and similar electrical appliances-Safety – Part 2-10: Particular requirement for floor treatment machines and wet scrubbing machines
30.	Tumble dryers	BOS IEC 60335-2-11: Household and similar electrical appliances-Safety – Part 2-11: Particular requirements for tumble dryers
31.	Warming plates and similar appliances	BOS IEC 60335-2-12: Household and similar electrical appliances -Safety – Part 2-12: Particular requirements for warming plates and similar appliances
32.	Deep fat fryers, frying pans and similar appliances	BOS IEC 60335-2-13: Household and similar electrical appliances-Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances
33.	Kitchen machines	BOS IEC 60335-2-14: Household and similar electrical appliances -Safety – Part 2-14: Particular requirements for kitchen machines
34.	Household and similar purposes liquid heating appliances	BOS IEC 60335-2-15: Household and similar electrical appliances -Safety – Part 2-15: Particular requirements for heating liquids
35.	Electric Water heaters	BOS IEC 60335-2-21: Household and similar electrical appliances-Safety – Part 2-21: Particular requirement for storage water heaters
36.	Refrigerating appliances, ice-cream appliances and ice makers	BOS IEC 60335-2-24: Household and similar electrical appliances -Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers
37.	Microwave ovens, including combination microwave ovens	BOS IEC 60335-2-25: Household and similar electrical appliances - Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens
38.	Sewing machines	BOS IEC 60335-2-28: Household and similar electrical appliances-Safety – Part 2-28, Particular requirement for sewing machines
39.	Battery chargers	BOS IEC 60335-2-29: Household and similar electrical appliances -Safety – Part 2-29: Particular requirements for battery chargers
40.	Room heaters	BOS IEC 60335-2-30: Household and similar electrical appliances -Safety – Part 2-30: Particular requirements for room heaters
41.	Massage appliances	BOS IEC 60335-2-32: Household and similar electrical appliances -Safety – Part 2-32: Particular requirements for massage appliances
42.	Instantaneous water heaters	BOS IEC 60335-2-35: Household and similar electrical appliances -Safety – Part 2-35: Particular requirements for instantaneous water heaters
43.	Electrical heat pumps, air-conditioners and dehumidifiers	BOS IEC 60335-2-40: Household and similar electrical appliances -Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers
44.	Pumps	BOS IEC 60335-2-41: Household and similar electrical appliances -Safety – Part 2-41: Particular requirements for pumps
45.	Clothes dryers and towel rails	BOS IEC 60335-2-43: Household and similar electrical appliances-Safety – Part 2-43: Particular requirements for clothes dryers and towel rails
46.	Ironers	BOS IEC 60335-2-44: Household and similar electrical appliances-Safety – Part 2-44: Particular requirements for ironers

47.	Oral hygiene appliances	BOS IEC 60335-2-52: Household and similar electrical appliances-Safety – Part 2-52: Particular requirements for oral hygiene appliances
48.	Surface cleaning appliances for household use employing liquids or steam	BOS IEC 60335-2-54: Household and similar electrical appliances-Safety – Part 2-54: Particular requirements for surface cleaning appliances for household use employing liquids or steam
49.	Surface cleaning appliances for electrical appliances for use with aquariums and garden ponds	BOS IEC 60335-2-55: Household and similar electrical appliances-Safety – Part 2-55: Particular requirements for surface cleaning appliances for electrical appliances for use with aquariums and garden ponds
50.	Projectors	BOS IEC 60335-2-56: Household and similar electrical appliances-Safety – Part 2-56: Particular requirements for projectors and similar appliances
51.	Insect killers	BOS IEC 60335-2-59: Household and similar electrical appliances-Safety – Part 2-59: Particular requirements for insect killers
52.	Air-cleaning appliances	BOS IEC 60335-2-65: Household and similar electrical appliances-Safety – Part 2-65: Particular requirements for air-cleaning appliances
53.	Fixed immersion heaters	BOS IEC 60335-2-73: Household and similar electrical appliances-Safety – Part 2-73: Particular requirements for fixed immersion heaters
54.	Portable immersion heaters	BOS IEC 60335-2-74: Household and similar electrical appliances-Safety – Part 2-74: Particular requirements for portable immersion heaters
55.	Electric fence energisers	BOS IEC 60335-2-76: Household and similar electrical appliances-Safety– Part 2-76: Particular requirements for electric fence energisers
56.	Fans	BOS IEC 60335-2-80: Household and similar electrical appliances-Safety – Part 2-80: Particular requirements for fans
57.	Fabric steamers	BOS IEC 60335-2-85: Household and similar electrical appliances-Safety – Part 2-85: Particular requirements for fabric steamers
58.	Walk-behind and hand-held lawn trimmers and lawn edge trimmers	BOS IEC 60335-2-91: Household and similar electrical appliances-Safety – Part 2-91: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edge trimmers
59.	Garage door motors	BOS IEC 60335-2-95: Household and similar electrical appliances-Safety – Part 2-95: Particular requirements for vertically moving garage doors for residential use
60.	Gates, doors and window motors	BOS IEC 60335-2-103: Household and similar electrical appliances-Safety – Part 2-103: Particular requirements for gates, doors, and windows
61.	General lights	BOS IEC 60598-2-4: Luminaires – Part 2-4: Particular requirements – Portable general purpose luminaires
62.	Floodlights	BOS IEC 60598-2-5: Luminaires – Part 2-5: Particular requirements – Floodlights
63.	Fluorescent lamps	BOS IEC 60968: Self-blasted fluorescent lamps for general lighting services-Safety requirement
64.	LED lamps	BOS IEC 62560: Self-blasted LED lamps for general lighting services by voltage > 50V – Safety requirements

65. Electric Toys BOS IEC 62115: Electric toys-Safety

CHEMICALS PRODUCTS

1. Plastic Carrier Bags and Flat Bags BOS 186: Plastic Carrier Bags and Flat Bags – Specification
2. Protective gloves against dangerous chemicals BOS ISO 374-1: Protective gloves against dangerous chemicals and micro-organisms – Part 1: Terminology and performance requirements for chemicals
3. Protective gloves against micro-organisms BOS ISO 374-5: Protective gloves against dangerous chemicals and micro-organisms – Part 5: Terminology and performance requirements for micro-organisms risks
4. Food plastic containers BOS 337: Plastics materials for food contact use
5. Plastic pill bags BOS 823: Plastic Pill bag -- Specification
6. Petroleum jelly BOS 562: Petroleum jelly – Specification
7. Dishwashing liquid BOS 111: Hand dishwashing and light duty detergent (liquid)
8. Stabilised inorganic chlorine BOS 112: Detergent – disinfectant based on stabilised inorganic chlorine compounds
9. quaternary ammonium disinfectants BOS 113: Detergent – disinfectants based on quaternary ammonium compounds
10. Phenolic disinfectants BOS 226: Detergent – disinfectants based on phenolics
11. Food cleaning chemicals BOS 307: Cleaning chemicals for use in the food industry
12. Ammoniated liquid detergent BOS 374: Ammoniated liquid detergent cleaner
13. High foam laundry detergent BOS 318: High foam laundry detergent – Specification
14. Low foam laundry detergent BOS 358: Low foam laundry detergent
15. Industrial Laundry detergent BOS 488: Industrial Laundry detergent

AUTOMOTIVE PRODUCTS

1. Pneumatic tyres for passenger cars and their trailers BOS 116: Pneumatic tyres for passenger cars and their trailers
2. Pneumatic tyres for commercial vehicles and their trailers BOS 117: Pneumatic tyres for commercial vehicles and their trailers
3. High penetration-resistant laminated safety glass for vehicles BOS 158: High penetration – Resistant laminated safety glass for vehicles
4. Laminated safety glass for vehicles BOS 159: Laminated safety glass for vehicles
5. Toughened safety glass for vehicles BOS 160: Toughened safety glass for vehicles
6. Leaf springs BOS 60: Road vehicles – Leaf springs – Specification
7. Vehicle Headlights BOS 303-2: Lights for motor vehicles – Part 2: Headlights

BUILDING & CONSTRUCTION PRODUCTS

1.	Cement	BOS ENV 197-1: Cement: Composition, specification and conformity criteria – Part 1: Common cements
2.	Window frames	BOS 36: Windows, casement doors and sidelights steel frames
3.	Door frames	BOS 44: Steel door frames
4.	Building glazing materials	BOS 161-1: Safety and security glazing materials for buildings – Safety performance of glazing materials under human impact
5.	Building glazing materials (burglar-resistant)	BOS 161-2: Safety and security glazing materials for buildings – Burglar-resistant and vandal-resistant glazing materials
6.	Building glazing materials (bullet-resistant)	BOS 161-3: Safety and security glazing materials for buildings – Bullet-resistant glazing materials
7.	Door locks	BOS 215: Locks, latches, and associated furniture for wooden and pressed metal doors (Domestic type)
8.	Fire doors and shutters	BOS 397: Fire-doors and fire shutters.”.

MADE this 25th day of March, 2024.

MMUSI KGAFELA,
Minister of Trade and Industry.