



## LIST OF COMPULSORY STANDARDS

### A. DEFINITION

Compulsory Standard means a standard declared compulsory under the Compulsory Standards Act No. 3 of 2017

### B. LEGAL PROVISION FOR DECLARATION OF COMPULSORY STANDARDS [Sec 11 (1)]

The Minister of Commerce, Trade and Industry may, by statutory instrument, on the recommendation of the Board of the Agency, where it is necessary or expedient to do so in respect of a commodity or service to promote public safety, health, consumer protection or environmental protection – declare a Zambian National Standard or a provision of a Zambian National Standard to be a compulsory standard

### C. PURPOSE OF COMPULSORY STANDARDS

These are documents with requirements that provide a basis for protecting the consumer from products that may have an adverse effect on either public safety, health, consumer protection or the environment

### D. LIST OF COMPULSORY STANDARDS

#### A. BY STANDARD

NO	STANDARD	STATUTORY INSTRUMENT	PRODUCT	
1	ZS 005:1985	SI 78:2003	1	Lead Acid Starter Batteries
2	ZS 007:2017	SI 20: 2025	2	Precast Concrete and Sand-Cement Building Blocks
3	ZS 017:2011	SI 43:2003	3	Poultry Feed - Specification
4	ZS 018:2013	SI 43:2003	4	Pig Feed – Specification
5	ZS 019:2015	SI 43:2003	5	Cattle Feed – Specification
6	ZS 037:2010	SI 78:2003	6	Jams (Fruit Preserves), Jellies and Marmalades. Part 1: Specification for Jams (Fruit Preserve) and Jellies
			7	Jams (Fruit Preserves), Jellies and Marmalades. Part 2: Specification for Citrus Marmalades
7	ZS 056:2009	SI 43:2003	8	Toilet Soap
8	ZS 058:2006	SI 78:2003	9	Laundry Soap
9	ZS 062:2017	SI 43:2003	10	Synthetic Detergents – Specification
10	ZS 063:1985	SI 78:2003	11	Petroleum Jelly – Specification
11	ZS 065:1985	SI 78:2003	12	Pure Glycerine
12	ZS 071:1985	SI 44:2013	13	School Chalks – Specification
13	ZS 074:2005	SI 78:2003	14	Shoe Polish – Specification
14	ZS 106-1:1997	SI 78:2003	15	Safety of Household and Similar Electrical Appliances – Specification
15	ZS 119:1989	SI 78:2003	16	Industrial Safety Belts and Harnesses
16	ZS 189:2014	SI 102:2010	17	Maize Meal (Mealie Meal)
17	ZS 190:2010	SI 68:2017	18	Drinking Water Quality - Specification
18	ZS 193:1990	SI 78:2003	19	Specification for Margarine
19	ZS 201:2018	SI 104:2011	20	Emulsion Paints for Interior and Exterior Use – Specification
20	ZS 202:2016	SI 78:2003	21	Specification for Canned Pineapple
21	ZS 233:2005	SI 78:2003	22	Specification for Crude Edible Vegetable Oil
22	ZS 234:2005	SI 43:2003	23	Refined Edible Vegetable Oil
23	ZS 247:2017	SI 43:2003	24	Household Hand Dishwashing Liquid Detergent
24	ZS 253:2011	SI 20: 2025	25	Tomato Products
25	ZS 263:1990	SI 78:2003	26	Specification for Hair Oils

NO	STANDARD	STATUTORY INSTRUMENT	PRODUCT	
26	ZS 264:1990	SI 78:2003	27	Specification for Hair Creams
27	ZS 266:2017	SI 120:2006	28	Reflex-Reflecting Vehicle Number Plates - Specification
28	ZS 295:2018	SI 104:2011	29	Paints and Varnishes - High Gloss Synthetic Enamel Paint - Specification
29	ZS 321:2012	SI 120:2006	30	Opaque Beer – Specification
30	ZS 327:2014	SI 68:2017	31	Blended (Physical Mixture) Fertilizers – Specification
31	ZS 357:2016	SI 68:2017	32	Pressed Steel Door Frames – Specification
32	ZS 369:2020	SI 33:2009	33	Automotive Gasoil (Diesel Fuel)
33	ZS 371:2019	SI 104:2011	34	Road Tank Vehicles for Petroleum-Based Flammable Liquids – Specification
34	ZS 373:2010	SI 68:2017	35	Portable Fire Extinguishers – Specification Part 1: Portable, non-refillable fire extinguishers general purpose type
			36	Portable Fire Extinguishers – Specification Part 2: Carbon dioxide type fire extinguishers
35	ZS 380: 2020	SI 33:2009	37	Illuminating Kerosene – Specification
36	ZS 388:2000	SI 78:2003	38	Bottled Drinking Water – Specification
37	ZS 389:2016	SI 68:2017	39	White Sugar – Specification
38	ZS 394:2020	SI 68:2017	40	Aviation Turbine Fuel (Jet A-1) – Specification
39	ZS 395:2007	SI 33:2009	41	Unleaded Petrol (Gasoline) for Motor Vehicles
40	ZS 403:2016	SI 20: 2025	42	Batteries for Use in Photovoltaic Systems
41	ZS 404:2016	SI 20: 2025	43	Charge Controllers for Photovoltaic Systems Using Lead-Acid Batteries;
42	ZS 405:2016	SI 20: 2025	44	Photovoltaic System Design and Installation – Code of Practice for Off Grid Systems
43	ZS 407:2016	SI 20: 2025	45	Lighting Devices for Use in Photovoltaic Systems
44	ZS 422:2003	SI 68:2017	46	Bitumen Part 1: Penetration Grade Bitumen – Specification
			47	Part 2: Cutback Bitumen – Specification
45	ZS 429-4:2008	SI 104:2011	48	The Handling, Storage, And Distribution of Liquefied Petroleum Gas (LPG) In Domestic, Commercial, And Industrial Installations. Part 4: Transportation of LPG In Bulk By Road – Code of Practice
46	ZS 430:2013	SI 43:2003	49	Clear Beer – Specification
47	ZS 431:2014	SI 43:2003	50	Compound Fertilizers
48	ZS 433:2006	SI 20: 2025	51	Carbon Steel Bars for The Reinforcement of Concrete
49	ZS 435:2006	SI 43:2003	52	Wheat Flour – Specification
50	ZS 436:2002	SI 78:2003	53	Primary Dry Batteries
51	ZS 437:2017	SI 78:2003	54	Pneumatic Tyres – Specifications Uniform Provisions Concerning the Approval of New Pneumatic Tyres Part 1: Passenger Vehicles and their Trailers
			55	Part 2: Commercial Vehicles and their Trailers
			56	Pneumatic Tyres – Specifications Uniform Provisions Concerning the Approval for the Production of Retreaded Pneumatic Tyres. Part 3: Passenger Vehicles and their Trailers
			57	Part 4: Commercial Vehicles and their Trailers
52	ZS 438:2017	SI 43:2003	58	Biscuits – Specification
53	ZS 451:2004	SI 20: 2025	59	Engine Oils for Light-Duty and Heavy-Duty Internal Combustion Engines
54	ZS 546:2004	SI 20: 2025	60	Anti-Wear Hydraulic Oils
55	ZS 547:2004	SI 32:2011	61	Lubricating Oils – Specifications Part 1: Automotive Gear Oils
			62	Lubricating Oils – Specifications Part 2: Industrial Gear Oils for Open Gears
			63	Part 3: Industrial Gear Oils for Enclosed Gears

NO	STANDARD	STATUTORY INSTRUMENT	PRODUCT	
56	ZS 548:2004	SI 20: 2025	64	Specification for Zinc-Free Diesel Engine Oils
57	ZS 554:2011	SI 120:2006	65	Fruit Flavoured Drinks – Specifications
58	ZS 558:2006	SI 120:2006	66	Plugs and Socket Outlets, Adaptors and Connection Units: Part 1 – Specifications for Rewirable and Rewirable 13a Fused Plugs
			67	Part 2 – Switched and Unswitched Sockets-Outlets
			68	Part 3 – Specification for Adaptors
59	ZS 559:2004	SI 120:2006	69	Inspection and Acceptance Criteria for Used Textile Products
60	ZS 560:2004	SI 120:2006	70	Road Vehicles - Inspection and Testing of Used Motor Vehicles for Road Worthiness
61	ZS 605:2014	SI 120:2006	71	Fertilizer- Urea
62	ZS 606:2014	SI 120:2006	72	Fertilizers – Ammonia Nitrate
63	ZS 607:2014	SI 120:2006	73	Fertilizers- Calcium Ammonia Nitrate
64	ZS 608:2014	SI 120:2006	74	Fertilizers- Ammonia Sulphate
65	ZS 609:2004	SI 20: 2025	75	Fertilisers- Sulphate of Potash
66	ZS 610:2004	SI 20: 2025	76	Fertilisers- Potassium Chloride
67	ZS 612:2004	SI 20: 2025	77	Fertilisers- Magnesium Nitrate
68	ZS 613:2004	SI 20: 2025	78	Fertilisers- Single Super Phosphate
69	ZS 614:2004	SI 20: 2025	79	Fertilisers - Triple Super Phosphate
70	ZS 615:2004	SI 20: 2025	80	Fertilisers- Calcium Nitrate
71	ZS 666:2008	SI 20: 2025	81	Code of Practice - Handling and Storage of Bagged and Bulk Fertilisers
72	ZS 672:2012	SI 20: 2025	82	Polypropylene (PP) Sacks for Bulk Packaging of Food Stuffs
73	ZS 688:2011	SI 59:2013	83	Electric Cables with Extended Part 1: General
			84	Solid Dielectric Insulation for Part 2: Wiring Cables
			85	Fixed Installations (300/500 V to Part 3: PVC Distribution Cables
			86	1900/3 300V) Specification. Part 4: XLPE Distribution Cables
			87	Part 5: Halogen-Free Distribution Cables
74	ZS 713:2010	SI 20: 2025	88	Processed Meat and Poultry Products-Code of Hygienic Practice
75	ZS 718:2020	SI 20: 2025	89	Low Sulphur Gas Oil
76	ZS 723:2017	SI 102:2010	90	Peanut Butter – Specification
77	ZS 730:2018	SI 20: 2025	91	Pasteurized Milk
78	ZS 731:2018	SI 20: 2025	92	Specification for Yoghurt
79	ZS 732:2018	SI 20: 2025	93	Raw Cow Milk
80	ZS 733:2010	SI 20: 2025	94	Specification for Butter
81	ZS 734:2010	SI 20: 2025	95	Dairy Ice and Dairy Ice Cream
82	ZS 735:2018	SI 20: 2025	96	Specification for UHT Milk
83	ZS 736:2010	SI 20: 2025	97	Specification for Sweetened Condensed Milk
84	ZS 737:2010	SI 20: 2025	98	Specification for Dried Whole Milk and Skimmed Milk Powder
85	ZS 750:2012	SI 20: 2025	99	Specification for Galvanized Plain and Corrugated Steel Sheets
86	ZS 806:2013	SI 20: 2025	100	Specification for PVC-Coated Fabrics for Tarpaulins
87	ZS 808:2013	SI 18:2020	101	Potable Spirit – Specification
88	ZS 809:2013	SI 20: 2025	102	Specification for Table Wines
89	ZS 814:2014	SI 20: 2025	103	Specification for Groundnuts
90	ZS 815:2014	SI 20: 2025	104	Code of Practice - Prevention and Reduction of Aflatoxin Contamination in Groundnuts

NO	STANDARD	STATUTORY INSTRUMENT	PRODUCT	
91	ZS 832:2014	SI 20: 2025	105	Code of Hygienic Practice- Fresh Fruits and Vegetables
92	ZS 834:2014	SI 20: 2025	106	Fat Spreads and Blended Spreads
93	ZS 903:2015	SI 20: 2025	107	Canned Baby Foods
94	ZS 972:2016	SI 20: 2025	108	Specification for Broodstock
95	ZS 973:2016	SI 20: 2025	109	Specification for Fingerlings
96	ZS 1060:2017	SI 20: 2025	110	Specification for Milk Blended Drinks
97	ZS 1134:2018	SI 20: 2025	111	Specification for Energy Drinks
98	ZS 1212:2020	SI 20: 2025	112	Specification for Tilapia and Catfish Feeds.
99	ZS EN 197-1:2011	SI 78:2003	113	Cement Part 1: Composition, Specifications and Conformity Criteria for Common Cements
100	ZS ISO 4074:2015	SI 78:2003	114	Natural Latex Rubber Condoms – Requirements and Test Methods
101	ZS ISO 20345:2011	SI 78:2003	115	Personal Protective Equipment – Safety Footwear

## B. BY STATUTORY INSTRUMENT

No.	STATUTORY INSTRUMENT	STANDARD		PRODUCT	
1	SI 102:2010	i	ZS 189:2014	Maize Meal (Mealie Meal)	
		ii	ZS 723:2017	Peanut Butter – Specification	
2	SI 104:2011	i	ZS 201:2018	Emulsion Paints for Interior and Exterior Use – Specification	
		ii	ZS 295:2018	Paints and Varnishes - High Gloss Synthetic Enamel Paint - Specifications	
		iii	ZS 371:2019	Road Tank Vehicles for Petroleum-Based Flammable Liquids – Specification	
		iv	ZS 429-4:2008	The Handling, Storage, And Distribution of Liquefied Petroleum Gas (LPG) In Domestic, Commercial, And Industrial Installations. Part 4: Transportation of LPG In Bulk By Road – Code of Practice	
3	SI 120:2006	i	ZS 266:2017	Reflex-Reflecting Vehicle Number Plates - Specification	
		ii	ZS 321:2012	Opaque Beer – Specification	
		iii	ZS 554:2011	Fruit Flavoured Drinks – Specifications	
		iv	ZS 558:2006	Plugs and Socket Outlets, Adaptors and Connection Units:	Part 1 – Specifications for Rewirable and Rewirable 13a Fused Plugs
		v	ZS 558:2006	Plugs and Socket Outlets, Adaptors and Connection Units:	Part 2 – Switched and Unswitched Sockets- Outlets
		vi	ZS 558:2006	Plugs and Socket Outlets, Adaptors and Connection Units:	Part 3 – Specification for Adaptors
		vii	ZS 559:2004	Inspection and Acceptance Criteria for Used Textile Products	
		viii	ZS 560:2004	Road Vehicles - Inspection and Testing of Used Motor Vehicles for Road Worthiness	
		ix	ZS 605:2014	Fertilizer- Urea	
		x	ZS 606:2014	Fertilizers – Ammonia Nitrate	
		xi	ZS 607:2014	Fertilizers- Calcium Ammonia Nitrate	
		xii	ZS 608:2014	Fertilizers- Ammonia Sulphate	
4	SI 18:2020	i	ZS 808:2013	Potable Spirits – Specification	
5	SI 20: 2025	i	ZS 007:2017	Precast Concrete and Sand-Cement Building Blocks	
		ii	ZS 253:2011	Tomato Products	
		iii	ZS 403:2016	Batteries for Use in Photovoltaic Systems	
		iv	ZS 404:2016	Charge Controllers for Photovoltaic Systems Using Lead-Acid Batteries;	

No.	STATUTORY INSTRUMENT	STANDARD		PRODUCT	
		v	ZS 405:2016	Photovoltaic System Design and Installation – Code of Practice for Off Grid Systems	
		vi	ZS 407:2016	Lighting Devices for Use in Photovoltaic Systems	
		vii	ZS 433:2006	Carbon Steel Bars for The Reinforcement of Concrete	
		viii	ZS 451:2004	Engine Oils for Light-Duty and Heavy-Duty Internal Combustion Engines	
		ix	ZS 546:2004	Anti-Wear Hydraulic Oils	
		x	ZS 548:2004	Specification for Zinc-Free Diesel Engine Oils	
		xi	ZS 609:2004	Fertilisers- Sulphate of Potash	
		xii	ZS 610:2004	Fertilisers- Potassium Chloride	
		xiii	ZS 612:2004	Fertilisers- Magnesium Nitrate	
		xiv	ZS 613:2004	Fertilisers- Single Super Phosphate	
		xv	ZS 614:2004	Fertilisers - Triple Super Phosphate	
		xvi	ZS 615:2004	Fertilisers- Calcium Nitrate	
		xvii	ZS 666:2008	Code of Practice - Handling and Storage of Bagged and Bulk Fertilisers	
		xviii	ZS 672:2012	Polypropylene (PP) Sacks for Bulk Packaging of Food Stuffs	
		xix	ZS 713:2010	Processed Meat and Poultry Products-Code of Hygienic Practice	
		xx	ZS 718:2020	Low Sulphur Gas Oil	
		xxi	ZS 730:2018	Pasteurized Milk	
		xxii	ZS 731:2018	Specification for Yoghurt	
		xxiii	ZS 732:2018	Raw Cow Milk	
		xxiv	ZS 733:2010	Specification for Butter	
		xxv	ZS 734:2010	Dairy Ice and Dairy Ice Cream	
		xxvi	ZS 735:2018	Specification for UHT Milk	
		xxvii	ZS 736:2010	Specification for Sweetened Condensed Milk	
		xxviii	ZS 737:2010	Specification for Dried Whole Milk and Skimmed Milk Powder	
		xxix	ZS 750:2012	Specification for Galvanized Plain and Corrugated Steel Sheets	
		xxx	ZS 806:2013	Specification for PVC-Coated Fabrics for Tarpaulins	
		xxxi	ZS 809:2013	Specification for Table Wines	
		xxxii	ZS 814:2014	Specification for Groundnuts	
		xxxiii	ZS 815:2014	Code of Practice - Prevention and Reduction of Aflatoxin Contamination in Groundnuts	
		xxxiv	ZS 832:2014	Code of Hygienic Practice- Fresh Fruits and Vegetables	
		xxxv	ZS 834:2014	Fat Spreads and Blended Spreads	
		xxxvi	ZS 903:2015	Canned Baby Foods	
		xxxvii	ZS 972:2016	Specification for Broodstock	
		xxxviii	ZS 973:2016	Specification for Fingerlings	
		xxxix	ZS 1060:2017	Specification for Milk Blended Drinks	
		xl	ZS 1134:2018	Specification for Energy Drinks	
		xli	ZS 1212:2020	Specification for Tilapia and Catfish Feeds.	
6	SI 32:2011	i	ZS 547:2004	Lubricating Oils – Specifications	Part 1: Automotive Gear Oils
		ii			Part 2: Industrial Gear Oils for Open Gears
		iii			Part 3: Industrial Gear Oils for Enclosed Gears
7	SI 33:2009	i	ZS 369:2020	Automotive Gasoil (Diesel Fuel)	
		ii	ZS 380: 2020	Illuminating Kerosene – Specification	
		iii	ZS 395:2007	Unleaded Petrol (Gasoline) for Motor Vehicles	

No.	STATUTORY INSTRUMENT	STANDARD		PRODUCT	
8	SI 43:2003	i	ZS 017:2011	Poultry Feed - Specification	
		ii	ZS 018:2013	Pig Feed – Specification	
		iii	ZS 019:2015	Cattle Feed – Specification	
		iv	ZS 056:2009	Toilet Soap	
		v	ZS 062:2017	Synthetic Detergents – Specification	
		vi	ZS 234:2005	Refined Edible Vegetable Oil	
		vii	ZS 247:2017	Household Hand Dishwashing Liquid Detergents	
		viii	ZS 430:2013	Clear Beer – Specification	
		ix	ZS 431:2014	Compound Fertilizers	
		x	ZS 435:2006	Wheat Flour – Specification	
		xi	ZS 438:2017	Biscuits – Specification	
		xii	ZS 037:2010	Jams (Fruit Preserves), Jellies and Marmalades.	Part 1: Specification for Jams (Fruit Preserve) and Jellies
		xiii			Part 2: Specification for Citrus Marmalades
		xiv	ZS 058:2006	Laundry Soap	
		xv	ZS 065:1985	Pure Glycerine	
		xvi	ZS 106-1:1997	Safety of Household and Similar Electrical Appliances – Specification	
		xvii	ZS 233:2005	Specification for Crude Edible Vegetable Oil	
		xviii	ZS 388:2000	Bottled Drinking Water – Specification	
		xix	ZS EN 197-1:2011	Cement Part 1: Composition, Specifications and Conformity Criteria for Common Cements	
		xx	ZS ISO 20345:2011	Personal Protective Equipment – Safety Footwear	
9	SI 44:2013	i	ZS 071:1985	School Chalks – Specification	
10		i	ZS 688:2011	Electric Cables with Extended Solid Dielectric Insulation for Fixed Installations (300/500 V to 1900/3 300V) Specification.	Part 1: General
		ii			Part 2: Wiring Cables
		iii			Part 3: PVC Distribution Cables
		iv			Part 4: XLPE Distribution Cables
		v			Part 5: Halogen-Free Distribution Cables
11	SI 68:2017	i	ZS 190:2010	Drinking Water Quality - Specification	
		ii	ZS 327:2014	Blended (Physical Mixture) Fertilizers – Specification	
		iii	ZS 357:2016	Pressed Steel Door Frames – Specification	
		iv	ZS 373:2010	Portable Fire Extinguishers – Specification	Part 1: Portable, non-refillable fire extinguishers general purpose type
		v			Part 2: Carbon dioxide type fire extinguishers
		vi	ZS 389:2016	White Sugar – Specification	
		vii	ZS 394:2020	Aviation Turbine Fuel (Jet A-1) – Specification	
		viii	ZS 422:2003	Bitumen	Part 1: Penetration Grade Bitumen – Specification
		ix			Part 2: Cutback Bitumen – Specification
12	SI 78:2003	i	ZS 005:1985	Lead Acid Starter Batteries	
		ii	ZS 063:1985	Petroleum Jelly – Specification	
		iii	ZS 074:2005	Shoe Polish – Specification	
		iv	ZS 119:1989	Industrial Safety Belts and Harnesses	
		v	ZS 193:1990	Specification for Margarine	
		vi	ZS 202:2016	Specification for Canned Pineapple	

No.	STATUTORY INSTRUMENT	STANDARD		PRODUCT	
		vii	ZS 263:1990	Specification for Hair Oils	
		viii	ZS 264:1990	Specification for Hair Creams	
		ix	ZS 436:2002	Primary Dry Batteries	
		x	ZS 437:2017	Pneumatic Tyres – Specifications Uniform Provisions Concerning the Approval of New Pneumatic Tyres	Part 1: Passenger Vehicles and their Trailers
		xi			Part 2: Commercial Vehicles and their Trailers
		xii		Pneumatic Tyres – Specifications Uniform Provisions Concerning the Approval for the Production of Retreaded Pneumatic Tyres.	Part 3: Passenger Vehicles and their Trailers
		xiii			Part 4: Commercial Vehicles and their Trailers
		xiv	ZS ISO 4074:2015	Natural Latex Rubber Condoms – Requirements and Test Methods	