

**TANZANIA BUREAU OF STANDARDS (TBS) WISHES TO INFORM GENERAL
PUBLIC THAT THE BELOW TANZANIA STANDARD HAS BEEN GAZETTES IN
GOVERNMENT NOTICE NO. 191 PUBLISHED ON 22/03/2024**

CHEMICAL STANDARDS

1	TZS 3476-1	Plastic sanitary appliances – Specification-Part 1: Squatting pan	Compulsory
2	TZS 3476-2	Plastic sanitary appliances – Specification-Part 2: Sitting pan.	Compulsory
3	TZS 1075-2/ISO 7203-2:2019	Fire extinguishing media - Foam concentrates - Part 2: Specification for medium- and high-expansion foam concentrates for top application to water-immiscible liquids (1st Edition).	Compulsory
4	TZS 1075-3/ISO 7203-3:2019	Fire extinguishing media - Foam concentrates - Part 3: Specification for low-expansion foam concentrates for top application to water-miscible liquids (1st Edition).	Compulsory
5	TZS 3477	Hand wash Kit – Specification	Compulsory
6	TZS 868	Sodium dichloroisocyanurate-Specification	Compulsory
7	TZS 3448	Chemicals used for treatment of water intended for human consumption - Aluminum Sulfate.	Compulsory
8	TZS 3449	Black lead pencil – Specification	Compulsory
9	TZS 3450	Bamboo drinking straw - Specification.	Compulsory
10	TZS 3451/ISO 22843:2020	Rubber bands - General requirements and test methods.	Compulsory
11	TZS 3452	Molded rubber heels and soles - Specification	Compulsory
12	TZS 3398	Face packs - Specification	Compulsory
13	TZS 1080/ISO 7202:2018	Fire extinguishing media - Powder (2nd Edition).	Compulsory
14	TZS 1081/ISO 3941:2007	Classification of fire (2nd Edition).	Compulsory

15	TZS 1075-1/ISO 7203-1:2019	Fire extinguishing media - foam concentrate - Part 1: Specification for low expansion concentrates for top application to water-immiscible liquids (2nd	Compulsory
16	TZS 3400	Shoe cream – Specification.	
17	TZS 3401	Surface polish – Specification.	
18	TZS 3523	Plastic films for laminations.	
19	TZS 3525	Plastics- Thermoplastic silage films and tubes-Specification.	

FOOD AND AGRICUTURAL

S/N	TZS NUMBER	TITLE	CATEGORY
1	TZS 3335	Packaging materials and articles in Contact with Food - General Requirements.	Compulsory
2	TZS 3383/ISO 11163:1995	Dried basil (<i>Ocimum basilicum</i> L.) - Specification	Compulsory
3	TZS 3393	Cassava sorghum composite flour - Specification	Compulsory
4	TZS 3394	Orange fleshed sweet potato flour - Specification	Compulsory
5	TZS 3395	Orange fleshed sweet potato, sorghum and soya composite flour- Specification	Compulsory
6	TZS 3391	Ginger garlic Paste - Specification	Compulsory
7	TZS 3392	Chili Oil –Specification	Compulsory
8	TZS 2786	Ginger Paste - Specification	Compulsory
9	TZS 2685	Garlic paste - Specification.	Compulsory
10	TZS 3390	Spice paste - Specification.	Compulsory
11	TZS 831	Brown Sugar- Specification.	Compulsory
12	TZS 2083	Icing Sugar – Specification.	Compulsory
13	TZS 3471	Spiced Honey-Specification.	Compulsory
14	TZS 1578	Sunflower seeds for oil extraction - Specification	Compulsory
15	TZS 3419	Pumpkin seeds Flour – Specification	Compulsory
16	TZS 3421	Mustard seeds for oil extraction - Specification.	Compulsory
17	TZS 3422	Raw Walnut kernels -	Compulsory

		Specification	
18	TZS 3409	Coffee drinks - Specification.	Compulsory
19	TZS 3608	Creamer - Specification.	Compulsory
20	TZS 3518	Asparagus - Specification and test methods	Compulsory
21	TZS 312	Instant tea – Specification.	Compulsory
22	TZS 3498	Flavoured black tea – Specification	Compulsory
23	TZS 839	Green tea - Specification	Compulsory
24	TZS 3500	Tea trade - glossary of terms.	Compulsory
25	TZS 352	Black tea - Specification.	Compulsory
26	TZS 3504	Green tea - Vocabulary.	Compulsory
27	TZS 3478	Crystallized ginger - Specification	Compulsory

ELECTRICAL STANDARDS

1	TZS 3429/ISO/IEC24745:2011	Information technology - Security techniques - Biometric information protection.	Compulsory
2	TZS 3432-1/ISO/IEC 14443-1:2018	Cards and security devices for personal identification - Contactless proximity objects - Part 1: Physical characteristics.	Compulsory
3	TZS 3577-1	Hybrid telecommunication cables - Part 1: Generic specification.	Compulsory
4	TZS 3578-6	Connectors for electrical and electronic equipment - Part 6: Detail specification for 2-way and 4-way (data/power), shielded, free and fixed connectors for power and data transmission with frequencies up to 600 MHz	Compulsory
5	TZS 3579	DC Power supply for notebook computers.	Compulsory
6	TZS 3581	Set Top Box specifications for digital terrestrial television (DVB - T2).	Compulsory
7	TZS 3582-1	Mobile Handsets - Part 1: Safety Requirements.	Compulsory
8	TZS 1953-23	Information technology equipment - Safety - Part 23: Large data storage equipment.	Compulsory

9	TZS 3588-1	Fixed capacitors for use in electronic equipment - Part 1: Generic specification.	Compulsory
10	TZS 3595-1/IEC 62670-1:2013	Photovoltaic concentrators (CPV) - Performance Testing- Part 1: Standard conditions.	Compulsory
11	TZS 1952-7-4/IEC 62257-7-4:2019	Recommendations for renewable energy and hybrid systems for rural electrification- Part 7-4: Generators- Integration of solar with other forms of power generation within hybrid power systems	Compulsory
12	TZS 3598-1/IEC 61400-1:2019	Wind energy generation systems- Part 1: Design requirements.	Compulsory
13	TZS 3598-2/IEC 61400-2:2013	Wind turbines - Part 2: Small wind turbines.	Compulsory
14	TZS 3598-4/IEC61400-4:2012	Wind turbines -Part 4: Design requirements for wind turbines gearboxes.	Compulsory
15	TZS 3598-5/IEC 61400-5:2020	Wind energy generation systems- Part 5: Wind turbines blades.	Compulsory
16	TZS 3598-6/IEC 61400-6:2019	Wind energy generation systems- Part 6: Tower and foundation design requirements.	Compulsory
17	TZS 3595-2/IEC 62670-2:2015	Photovoltaic concentrators (CPV) -Performance Testing- Part 2: Energy measurement.	Compulsory
18	TZS 3599-1/IEC 60745-1:2006	Hand-held motor-operated electric tools - Safety - Part 1: General requirements.	Compulsory
19	TZS 3599-2-1/IEC 60745-2-1:2003+AMD1:2008	Hand-held motor-operated electric tools - Safety - Part 2-1: Particular requirements for drills and impact drills.	Compulsory
20	TZS 3599-2-3/IEC 60745-2-3:2006+AMD1:2010+AMD2:2012	Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders.	Compulsory
21	TZS 1223-4-1/IEC 60947-4-1:2018	Low-voltage switchgear and control gear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters.	Compulsory

22	TZS 448-2-100/IEC 60335-2-100:2002	Household and similar electrical appliances – Safety – Part 2-100: Particular requirements for handheld mains operated garden blower, vacuums and blower vacuums.	Compulsory
23	TZS 448-2-31/IEC 60335-2-31:2012+AMD1:2016+AMD2:2018	Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors.	Compulsory
24	TZS 3599-2-2/IEC 60745-2-2:2003+AMD1:2008	Hand-held motor-operated electric tools - Safety - Part 2-2: Particular requirements for screwdrivers and impact wrenches.	Compulsory

ENVIRONMENT STANDARDS

1	TZS 3361-4/ISO 24516-4:2019	Guidelines for the management of assets of water supply and waste water systems - Part 4: Waste water treatment plants, sludge treatment facilities, pumping stations, retention and detention facilities.	Compulsory
2	TZS 3362-1	On-site non-potable water systems. Part 1: Systems for the use of rainwater	Compulsory
3	TZS 3363-2	On-site non-potable water systems. Part 2: Systems for the use of treated grey water	Compulsory
4	TZS 3364-2	Products used for the treatment of water intended for human consumption - Granular activated carbon - Part 2: Reactivated granular activated carbon.	Compulsory
5	TZS 3364-1	Products used for the treatment of water intended for human consumption - Granular activated carbon - Part 1: Virgin granular activated carbon	Compulsory

MECHANICAL STANDARDS

1	TZS 11	Cold drawn mild steel wire for general engineering purposes - Specification.	Compulsory
2	TZS 948	Metal roofing tiles - Specification	Compulsory
3	TZS 955/ISO 4990:2015	Steel castings - General technical delivery requirements	Compulsory
4	TZS 2891	Stainless Steel Cookware - Specification	Compulsory
5	TZS 3332/EAS 196:2021	High-Strength Low-Alloy (HSLA) steel for hot rolled sheet and cold rolled sheet — Specification	Compulsory
6	TZS 3331/ISO 404:2013	Steel and steel products - General technical delivery requirements.	Compulsory
7	TZS 3330-2/ISO 3834-2:2021	Quality requirements for fusion welding of metallic materials - Part 2: Comprehensive quality requirements	Compulsory
8	TZS 3330-3/ISO 3834-3:2021	Quality requirements for fusion welding of metallic materials - Part 3: Standard quality requirements.	Compulsory
9	TZS 3330-4/ISO 3834-4:2021	Quality requirements for fusion welding of metallic materials - Part 4: Elementary quality requirements	Compulsory
10	TZS 3339/ISO 9905:1994	Technical specifications for centrifugal - Pumps Class I.	Compulsory
11	TZS 3340/ISO 5199:2002	Technical specifications for centrifugal - Pumps Class II.	Compulsory
12	TZS 3341/ISO 9908:1993	Technical specifications for centrifugal - Pumps Class III.	Compulsory
13	TZS 3338/ISO 14847:1999	Rotary positive displacement pumps — Technical requirements	Compulsory
14	TZS 3337/ISO16330:2003	Reciprocating positive displacement pumps and pumps units - Technical requirements.	Compulsory
15	TZS 3336/ISO 15873:2002	Irrigation equipment - Differential pressure Venturitype liquid additive injectors.	Compulsory

16	TZS 1307/ISO 11439:2013	Gas cylinders - High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles.	Compulsory
17	TZS 1187-1/ISO 15500- 1:2015	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 1: General requirements and definitions.	Compulsory
18	TZS 1187-3/ISO 15500- 3:2020	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 3: Check valve	Compulsory
19	TZS 1187-4/ISO 15500- 4:2020	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 4: Manual valve	Compulsory
20	TZS 1187-5/ISO 15500- 5:2020	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 5: Manual cylinder valve.	Compulsory
21	TZS 1187-6/ISO 15500- 6:2020	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 6: Automatic valve.	Compulsory
22	TZS 1187-7/ISO 15500- 7:2015	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 7: Gas injector	Compulsory
23	TZS 1187-8/ISO 15500- 8:2015	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 8: Pressure indicator	Compulsory
24	TZS 1187-9/ISO 15500- 9:2020	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 9: Pressure regulator	Compulsory
25	TZS 1187-10/ISO 15500- 10:2015	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 10: Gas-flow adjuster.	Compulsory
26	TZS 1187-11/ISO 15500- 11:2015	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 11: Gas/air mixer.	Compulsory
27	TZS 1187-12/ISO 15500-	Road vehicles - Compressed Natural Gas (CNG) fuel system	Compulsory

	12:2015	components - Part 12: Pressure relief valve (PRV).	
28	TZS 1187-13/ISO 15500-13:2012	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 13: Pressure relief device (PRD).	Compulsory
29	TZS 1187-14/ISO 15500-14:2020	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 14: Excess flow valve.	Compulsory
30	TZS 1187-15/ISO 15500-15:2015	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 15: Gas-tight housing and ventilation hose.	Compulsory
31	TZS 1187-16/ISO 15500-16:2020	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 16: Rigid fuel line in stainless steel.	Compulsory
32	TZS 1187-17/ISO 15500-17:2021	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 17: Flexible fuel line.	Compulsory
33	TZS 1187-18/ISO 15500-18:2020	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 18: Filter.	Compulsory
34	TZS 1187-19/ISO 15500-19:2020	Road vehicles - Compressed Natural Gas (CNG) fuel system components - Part 19: Fittings.	Compulsory
35	TZS 3591 /ARS 1370:2021	Transportation of dangerous goods by road.	Compulsory
36	TZS 3594/ARS 1595:2021	Vehicle homologation.	Compulsory
37	TZS 3491-1/ISO 10721-1:1997	Steel structures - Part 1: Materials and design.	Compulsory
38	TZS 3491-2/ISO 10721-2:1999	Steel structures - Part 2: Fabrication and erection.	Compulsory
39	TZS 3489	Specification for Steel wires for staples pins and clips.	Compulsory
40	TZS 3488	Welded steel wire fabric for general use - Specification.	Compulsory
41	TZS 254	Carbon steel cast billet ingots, billets, blooms and slabs for rerolling into steel for general structural purposes -	Compulsory

		Specification.	
42	TZS 3490	Scissors for general purposes - Specification.	Compulsory
43	TZS 3487	Steel framing members for gypsum board systems - Specification	Compulsory
44	TZS 1791-2/ISO 23551-2:2018	Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 2: Pressure regulators.	Compulsory
45	TZS 1791-4/ISO 23551-4:2018	Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 4: Valve proving systems for automatic shut-off valves.	Compulsory
46	TZS 1791-5/ISO 23551-5:2014	Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 5: Manual gas valves.	Compulsory
47	TZS 1791-6/ISO 23551-6:2021	Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 6: Thermoelectric flame supervision controls.	Compulsory
48	TZS 1791-8/ISO 23551-8:2016	Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 8: Multifunctional controls.	Compulsory
49	TZS 1791-10/ISO 23551-10:2016	Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 10: Vent valves.	Compulsory
50	TZS 1791-9/ISO 23551-9:2022	Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 9: Mechanical gas thermostats	Compulsory
51	TZS 3551/ISO 17885:2021	Plastics piping systems - Mechanical fittings for pressure piping systems - Specifications	Compulsory

52	TZS 3552-5/ISO 16486- 5:2021	Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing -Part 5: Fitness for purpose of the system	Compulsory
53	TZS 3552-3/ISO 16486- 3:2020	Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing -Part 3: Fittings	Compulsory
54	TZS 3552-2/ISO 16486- 2:2020	Plastics piping systems for the supply of gaseous fuels - Plasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing -Part 2: Pipes.	Compulsory
55	TZS 2345-3/ISO 21138- 3:2020	Plastics piping systems for nonpressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly (vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 3: Pipes and fittings with non-smooth external surface, Type B.	Compulsory
56	TZS 2345-2/ISO 21138- 2:2020	Plastics piping systems for nonpressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 2: Pipes and fittings with smooth external surface, Type A.	Compulsory
57	TZS 2345-1/ISO 21138- 1:2020	Plastics piping systems for nonpressure underground drainage and sewerage — Structured-wall piping systems of unplasticized poly (vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 1: Material specification and performance criteria for pipes,	Compulsory

		fittings and systems.	
58	TZS 3546-21/ISO/TS 21364-21:2021	Domestic gas cooking appliances - Safety - Part 21: Particular requirements for gas hobs, gas grills and gas griddles.	Compulsory
59	TZS 3546-22/ISO/TS 21364-22:2021	Domestic gas cooking appliances - Safety - Part 22: Particular requirements for ovens and compartment grills.	Compulsory
60	TZS 3545	Solid biofuel - Sustainable charcoal and carbonized briquettes for household and commercial use - Specification.	Compulsory

MINING AND MINERALS

1	TZS 3343/ISO 24016:2020	Jewellery and precious metals - Grading polished diamonds - Terminology, classification and test methods.	Compulsory
2	TZS 3446	Standard Specification for Activated carbon used for precious metal recovery.	Compulsory
3	TZS 3447-1	Detonators for use in blasting operations - Part 1: Requirements for electronic initiation systems.	Compulsory
4	TZS 3447-2	Detonators for use in blasting operations - Part 2: Requirements for electric initiation systems - Shot exploder based.	Compulsory

PACKAGING STANDARDS

1	TZS 3526	Polyethylene terephthalate (PET) bottles for packaging liquids products –Specification.	Compulsory
2	TZS 3527-3	Packaging - Steel drums -Part 3: Inserted flange-type closure systems.	Compulsory
3	TZS 3527-2	Packaging - Steel drums - Part 2: Non-removable head drums-Specification.	Compulsory
4	TZS 3547-1	Transport packaging -reusable, rigid plastic distribution boxes - part 1: general purpose	Compulsory

		application.	
5	TZS 3550-1	Series 1 freight containers - Specification and testing -Part 1: General cargo containers for general purposes.	Compulsory
6	TZS 3550-3	Series 1 freight containers - Specification and testing -Part 3: Tank containers for liquids, gases and pressurized dry bulk.	Compulsory
7	TZS 3556	Series 1 freight containers- Classification, dimensions and ratings.	Compulsory
8	TZS 1298	Sharp containers-specification	Compulsory
9	TZS 3527-1	Packaging -Steel drums -Part 1: Removable head (open head) drums.	Compulsory

TEXTILE STANDARDS

1	TZS 3377	Textiles - Specification for Spun Hemp Yarn.	Compulsory
2	TZS 3379	Textiles - Polyester straps – Specification.	Compulsory
3	TZS 3382	Textiles - Specification for high tenacity polyester multifilament yarns - Yarns for fishing twines.	Compulsory
4	TZS 3560	Textiles - Woven High-Density Polyethylene/Polypropylene (HDPE/PP) Shopping bags - Specification.	Compulsory
5	TZS 3563	Textiles- Non-woven fabrics-Specification.	Compulsory
6	TZS 3522/ISO 13998:2003	Protective clothing - Aprons, trousers and vests protecting against cuts and stabs by hand knives.	Compulsory
7	TZS 3559-1	Agro textiles - Shade nets for agriculture and horticulture purposes - specification - Part 1: Shade Nets made from Tape Yarns.	Compulsory
8	TZS 3559-2	Agro textiles - Shade nets for agriculture and horticulture purposes - Specification - Part 2: Shade Nets made from Mono filament yarns	Compulsory

