

**TANZANIA BUREAU OF STANDARDS (TBS) WISHES TO INFORM GENERAL
PUBLIC THAT THE BELOW TANZANIA STANDARD HAS BEEN GAZETTES IN
GOVERNMENT NOTICE NO 882 PUBLISHED ON 09/10/2020**

BUILDING AND CONSTRUCTION

S/ N o.	STANDARDS MARKS	COMMODITY	CATEGORY
1.	TZS 256-1:2020	Timber – Dimensions for coniferous sawn timber (Cypress and Pine) – Part 1: Sizes of sawn and planed timber	COMPULSORY
2.	TZS 387:2020	Timber—strength grading of coniferous sawn timber (Cypress and pine) for structural use	COMPULSORY
3.	TZS 953-1:2020	Concrete pipes and ancillary concrete products – Part 1: Specification for unreinforced and reinforced concrete pipes (including jacking pipes) and fittings with flexible joints	COMPULSORY
4.	TZS 953-2:2020	Concrete pipes and ancillary concrete products - Part 2: Specification for unreinforced and reinforced concrete manholes and soakaways	COMPULSORY

5.	TZS 953-3:2020	Concrete pipes and ancillary concrete products - Part 3: Specification for unreinforced and reinforced concrete inspection chambers	COMPULSORY
6.	TZS 953-4:2020	Concrete pipes and ancillary concrete products — Part 4: Specification for prestressed non-pressure pipes and fittings with flexible joints	COMPULSORY
7.	TZS 2464:2020/ EAS 94:2002	Burnt clay building blocks — Specification	COMPULSORY
8.	TZS 2505:2020	Kitchen sinks — Functional requirements and test methods	COMPULSORY

CHEMICAL SECTION

S/No	STANDARDS MARKS	COMMODITY	CATEGORY
1.	TZS 586:2020	Lime (quick lime and hydrated) - Chemical industries – Specification	COMPULSORY
2.	TZS 1009:2020	Herbal soap - Specification	COMPULSORY
3.	TZS 2267:2018	General Purpose Natural Gas – Specification	COMPULSORY
4.	TZS 2268:2018/ ISO 15403-1:2006	Natural gas — Natural gas for use as a compressed fuel for vehicles – Part 1:	COMPULSORY

		Designation of the quality	
5.	TZS 2391:2020	Linear alkylbenzene - Specification	COMPULSORY
6.	TZS 2490:2020/ ISO 23640:2011	In vitro diagnostic medical devices — Evaluation of stability of in vitro diagnostic reagents.	COMPULSORY
7.	TZS 2491:2020/ ISO 15197:2013	In Vitro diagnostic test systems - Requirements for blood-glucose monitoring systems for self-testing in managing diabetes mellitus.	COMPULSORY
8.	TZS 2492:2020/ ISO 8359:1996	Oxygen concentrators for medical use - Safety requirements.	COMPULSORY
9.	TZS 2493:2020/ ISO 13959:2014	Water for haemodialysis and related therapies.	COMPULSORY
10.	TZS 2530:2020	Ethanol for Industrial use – Specification	COMPULSORY
11.	TZS 2531:2020	Industrial denatured spirit – Specification	COMPULSORY
12.	TZS 2532:2020	Hospital based intravenous fluids production - Code of practice	COMPULSORY
13.	TZS 2544-2:2020/ ISO 17225-2:2014	Solid biofuels — Fuel specifications and classes — Part 2: Graded wood pellets	COMPULSORY
14.	TZS 2544-3:2020/ ISO 17225-3:2014	Solid biofuels — Fuel specifications and classes — Part 3: Graded wood briquettes	COMPULSORY

ELECTRICAL SECTION

S/No	STANDARDS MARKS	COMMODITY	CATEGORY
1.	TZS 228-1:2020/ IEC 60317-1:2010	Specifications for particular types of winding wires - Part 1: Polyvinyl acetal enamelled round copper wire	COMPULSORY
2.	TZS 228-0-1:2020/ IEC 60317-0-1:2013	Specification for particular types of winding wires - Part 0-1: General requirements - Enamelled round copper wire	COMPULSORY
3.	TZS 228-4:2020/ IEC 60317-4:2015	Specifications for particular types of winding wires - Part 4: Solderable polyurethane enamelled round copper wire	COMPULSORY
4.	TZS 228-8:2020/ IEC 60317-8:2010	Specifications for particular types of winding wires - Part 8: Polyesterimide enamelled round copper wire	COMPULSORY
5.	TZS 228-46:2020/ IEC 60317-46:2013	Specification for particular types of winding wires - Part 46: Aromatic polyimide enamelled round copper wire	COMPULSORY
6.	TZS 234:2020	Voltages for A.C. transmission and distribution systems - Specification	COMPULSORY
7.	TZS 285:2020/ IEC 60296:2012	Fluids for electrotechnical applications - Unused mineral insulating oils for	COMPULSORY

		transformers and switchgear	
8.	TZS 287-501:2020/ IEC 60811-501:2012	Electric and optical fibres cables – Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds	COMPULSORY
9.	TZS 375-2-1:2020/ IEC 60034-2-1:2014	Rotating electrical Machines-Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)	COMPULSORY
10.	TZS 375-5:2020/ IEC 60034-5:2006	Rotating electrical machines – Part 5: Degree of protection provided by the integral design of rotating electrical machines (IP code) - Classification	COMPULSORY
11.	TZS 375-6:2020/ IEC 60034-6:1991	Rotating electrical machines - Part 6: Methods of cooling (IC code)	COMPULSORY
12.	TZS 448-2-80:2020/ IEC 60335-2-80:2015	Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans.	COMPULSORY
13.	TZS 521-1:2020/ IEC 60060-1:2010	High-voltage test techniques – Part 1 - General definitions and test requirements	COMPULSORY

14.	TZS 521-2:2020/ IEC 60060-2:2010	High-voltage test techniques – Part 2: Measuring systems	COMPULSORY
15.	TZS 521-3:2020/ IEC 60060-3:2006	High-voltage test techniques – Part 3: Definitions and requirements for onsite testing	COMPULSORY
16.	TZS 611-1:2020	13A plugs, socket-outlets, adaptors and connection units — Part 1: Specification for rewirable and nonrewirable 13 A fused plug	COMPULSORY
17.	TZS 611-2:2020	13A plugs, socket outlets, adaptors and connection units — Part 2: Specification for 13A switched and unswitched socket outlets	COMPULSORY
18.	TZS 611-4:2020	13A plugs, socket-outlets, adaptors and connection units — Part 4: Specification for 13 A fused connection units switched and unswitched	COMPULSORY
19.	TZS 614-1:2020/ IEC 60670-1:2015	Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 1: General requirements	COMPULSORY

20.	TZS 614-22:2020/ IEC 60670- 22:2015	Boxes and enclosures for electrical accessories for household and similar fixed electrical installation - Part 22: Particular requirements for connecting boxes and enclosures	COMPULSORY
21.	TZS 1223-1:2020/ IEC 60947-1:2014	Low-voltage switchgear and control gear - Part 1: General rules	COMPULSORY
22.	TZS 2399:2020	Copper rods and bars for electrical purposes - Specification	COMPULSORY
23.	TZS 2407-1:2020 / IEC 62109-1:2010	Safety of power converters for use in photovoltaic systems Part 1: General requirements	COMPULSORY
24.	TZS 2407-2:2020/ IEC 62109-2:2010	Safety of power converters for use in photovoltaic systems Part 2: Particular requirements for inverters	COMPULSORY
25	TZS 2466:2020	Interoperability specifications of common external power supply (EPS) for use with data-enabled mobile telephones	COMPULSORY
26.	TZS 2467-1:2020/ ISO/IEC 11801- 1:2017	Information technology – Generic cabling for customer premises – Part 1: General	COMPULSORY

		requirements	
27.	TZS 2468-22:2020/ IEC 60950-22:2016	Information technology equipment - Safety - Part 22: Equipment to be installed outdoors	COMPULSORY
30	TZS 2398 -1:2020/ IEC 60898-1:2015	Electrical accessories – Circuitbreakers for overcurrent protection for household and similar installations - Part 1: Circuit-breakers for AC operation.	Compulsory

ENVIROMENTAL SECTION

1.	TZS 846:2020	Air Quality - Tolerance limits of emissions discharged to the air by cement factories	COMPULSORY
2.	TZS 972:2020	Soil quality - Limits for soil contaminants.	COMPULSORY
3.	TZS 2533:2020	Radiation protection: Specification for building enclosing Medical radiation facilities	COMPULSORY

FOOD AND AGRICUTURAL

1.	TZS 28:2020/ EAS 90:2019	Compounded poultry feeds – Specification	COMPULSORY
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2.	TZS 51:2020	Edible sesame seed Oil - Specification	COMPULSORY
3.	TZS 52:2020	Edible coconut Oil-Specification	COMPULSORY
4.	TZS 53:2020	Edible cottonseed oil – Specification	COMPULSORY
5.	TZS 116:2020	Food Additives - Labelling	COMPULSORY
6.	TZS 251:2020/ EAS 69:2019	Pasteurized milk – Specification	COMPULSORY
7.	TZS 252:2020/ EAS 22:2019	Butter – Specification	COMPULSORY
8.	TZS 306:2020/ EAS 70:2019	Dairy ice cream – Specification	COMPULSORY
9.	TZS 307:2020/ EAS 33:2019	Yoghurt – Specification	COMPULSORY
10.	TZS 328-1: 2020/ EAS 44:2019	Milled maize (corn) product - =’-;0L987 Specification	COMPULSORY
11.	TZS 328-2:2020/ EAS 768:2019	Fortified Milled maize (corn) product - Specification	COMPULSORY
12.	TZS 397:2020/ EAS 75:2019	Compounded cattle feeds – Specification	COMPULSORY
13.	TZS 398:2020/ EAS 27:2019	UHT milk – Specification	COMPULSORY
14.	TZS 399:2020/ EAS 55:2019	Compounded pig feeds – Specification	COMPULSORY
15.	TZS 439-1:2020/ EAS 1:2019	Wheat Flour - Specification	COMPULSORY
16.	TZS 439-2:2020/ EAS 767:2019	Fortified Wheat Flour - Specification	COMPULSORY
17.	TZS 571:2020/ EAS 915:2019	Ghee – Specification	COMPULSORY

18.	TZS 626:2020/ EAS 67:2019	Raw cow milk – Specification	COMPULSORY
19.	TZS 738:2020/ EAS 232:2001	Maize gluten feed – Specification	COMPULSORY
20.	TZS 1313:2020/ EAS 769:2019	Fortified Edible Fats and Oil – Specification	COMPULSORY
21.	TZS 1432:2020	Edible olive oil and Edible olive pomace oil - specification	COMPULSORY
22.	TZS 1510:2020/ EAS 799:2019	Edible Full Fat Soya Flour – Specification	COMPULSORY
23.	TZS 1607:2020/ EAS 782:2019	Composite Flour - Specification	COMPULSORY
24.	TZS 1666:2020/ EAS 331:2019	Green gram - Specification	COMPULSORY
25.	TZS 1669:2020/ EAS 757:2019	Whole Sorghum grain - Specification	COMPULSORY
26.	TZS 1670:2020/ EAS 758:2019	Finger Millet grains – Specification	COMPULSORY
27.	TZS 1769:2020	Aqueous Coconut milk and coconut cream products – Specification	COMPULSORY
28.	TZS 2048:2020/ EAS 973:2019	Compounded fish feeds – Specification	COMPULSORY
29.	TZS 2049:2020/ EAS 974:2019	Compounded dairy goat feeds – Specification	COMPULSORY
30.	TZS 2206:2020/ EAS 87:2019	Sweetened condensed milk – Specification	COMPULSORY
31.	TZS 2207:2020/ EAS 49:2019	Milk powders and cream powder – Specification	COMPULSORY
32.	TZS 2415:2020	Chilled and frozen ostrich meat - Specification	COMPULSORY

33.	TZS 2416:2020	Lamb and mutton carcass and meat cuts – Specification	COMPULSORY
34.	TZS 2417:2020	Goat carcasses and meat cuts – specification	COMPULSORY
35.	TZS 2418-2:2020	Sausages – specification - Part 2: Chicken sausage	COMPULSORY
36.	TZS 2419:2020/ ARS 939:2016	Feed maize – specification	COMPULSORY
37.	TZS 2440:2020	Baker's Yeast – Specification	COMPULSORY
38.	TZS 2441:2020	Baking Powder – Specification	COMPULSORY
39.	TZS 2442:2020	Food grade aspartame – Specification	COMPULSORY
40.	TZS 2443:2020	Food grade Saccharin – Specification	COMPULSORY
41.	TZS 2444:2020	Sucralose – Specification	COMPULSORY
42.	TZS 2445:2020	Edible Palm kernel oil – Specification	COMPULSORY
43.	TZS 2499:2020	Pumpkin seeds – Specification	COMPULSORY
44.	TZS 2649:2020	Banana Flour-Specification	COMPULSORY

MECHANICAL SECTION

1.	TZS 142-1:2020 / EAS 412-1:2019	Steel for the reinforcement of concrete - Part 1: Plain bars.	COMPULSORY
2.	TZS 142-2:2020/ EAS 412-2:2020	Steel for the reinforcement of concrete - Part 2: Ribbed bars.	COMPULSORY
3.	TZS 142-3:2020 /EAS 412-3:2019	Steel for the reinforcement of concrete — Part 3: Welded fabric.	COMPULSORY
4.	TZS 353:2020 /EAS 11:2019	Hot-dip galvanized plain and corrugated steel sheets – Specification	COMPULSORY

5.	TZS 787:2020	Packaging: Insulated container and vacuum ware for domestic use - specifications.	COMPULSORY
6.	TZS 1477:2020 /EAS 468:2019	Pre-painted metal coated steel sheets and coils — Specification.	COMPULSORY
7.	TZS1685:2020/ EAS 134:2019	Cold rolled steel sections — Specification	COMPULSORY
8.	TZS 2546-2:2020/ ISO 8909-2:1994	Forage harvesters - Part 2: Specification of characteristics and performance	COMPULSORY
9.	TZS 2547:2020/ ISO 5718:2019	Harvesting equipment — Blades for agricultural rotary mowers — Requirements	COMPULSORY
10.	TZS 2550-1:2020/ ISO 6361-1:2011	Wrought aluminium and aluminium alloys — Sheets, strips and plates — Part 1: Technical conditions for inspection and delivery.	COMPULSORY
11.	TZS 2550-2:2020/ ISO 6361-2:2014	Wrought aluminium and aluminium alloys — Sheets, strips and plates — Part 2: Mechanical properties.	COMPULSORY
12.	TZS 2550-5:2020/ ISO 6361-5:2011	Wrought aluminium and aluminium alloys — Sheets, strips and plates — Part 5: Chemical composition.	COMPULSORY
13.	TZS 2566:2020/ ISO 17089-2:2012	Measurement of fluid flow in closed conduits – Ultrasonic meters for gas - Part 2: Meters for industrial applications	COMPULSORY
14.	TZS 2567-1:2020	Gas Volume Meters - Part 1: General requirements	COMPULSORY
15.	TZS 2567-2:2020	Gas Volume Meters - Part 2: Diaphragm Gas Meters	COMPULSORY

16.	TZS 2567-3:2020	Gas Volume Meters - Part 3: Flow measurement of natural gas by rotary piston meters	COMPULSORY
17.	TZS 2567-4:2020	Gas Volume Meters - Part 4: Flow measurement of natural gas by turbine meter	COMPULSORY
18..	TZS 2568-1:2020/ ISO 630-1:2011	Structural steels -- Part 1: General technical delivery conditions for hot-rolled products.	COMPULSORY
19.	TZS 2568-2:2020/ ISO 630-2:2011	Structural steels —Part 2: Technical delivery conditions for structural steels for general purposes	COMPULSORY
20.	TZS 2568-3:2020/ ISO 630-3:2011	Structural steels — Part 3: Technical delivery conditions for fine-grain structural steels.	COMPULSORY
21.	TZS 2568-4:2020/ ISO 630-4:2011	Structural steels — Part 4: Technical delivery conditions for high-yield-strength quenched and tempered structural steel plates	COMPULSORY
22.	TZS 2578:2020 /EAS 914:2019	Mild steel nails — Specification	COMPULSORY

MINING SECTION

S/No.	STANDARDS MARKS	COMMODITY	CATEGORY
1.	TZS 2368:2020	Determining Rock Quality Designation (RQD) of Rock Core - Test Method.	COMPULSORY
2.	TZS 2460:2020/ ISO 8653:2016	Jewellery — Ring-sizes — Definition, measurement and designation.	COMPULSORY

TEXTILE SECTION

S / N o	STANDARDS MARKS	COMMODITY	CATEGORY
1.	TZS 214:2020	Textiles – Hospital cotton bed sheets – Specification.	COMPULSORY
2.	TZS 477:2020	Textiles – Specification for shirting fabrics	COMPULSORY
3.	TZS 689-1:2020	Textiles – Woven fabrics for uniforms – Specification – Part 1: Fabrics made wholly or partly from cotton.	COMPULSORY
4.	TZS 897:2020	Textiles – Specification for woven fabrics used for suits, jackets, slacks, trousers and skirts	COMPULSORY
5.	TZS 898:2020	Textiles – Specification for school wear for boys and girls – Requirements for making school wear.	COMPULSORY
6.	TZS 900-1:2020	Textiles – Specification for knitted vests – Part 1: Knitted vests for males.	COMPULSORY
7.	TZS 900-2:2020	Textiles – Specification for knitted vests – Part 2: Knitted vests for females..	COMPULSORY
8.	TZS 910:2020	Textiles – Specification for woven cotton apparel fabrics	COMPULSORY
9.	TZS 912:2020	Textiles – Specification for T-shirts.	COMPULSORY
10	TZS 1263-1:2020	Textiles - Woven bags made from natural fibres - Part 1: Bags for cereals and pulses – Specifications.	COMPULSORY

11	TZS 1263-2:2020	Textiles – Woven bags made from natural fibres – Part 2: Bags for milled products – Specifications	COMPULSORY
12	TZS 1263-3:2020	Textiles – Woven bags made from natural fibres – Part 3: Bags for sugar - Specifications	COMPULSORY
13	TZS 2303:2020	Non-woven Bags -specification	COMPULSORY
14	TZS 2507:2020	Textiles – High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for packaging of flour (milled product) – Specifications.	COMPULSORY
15	TZS 2508:2020	Textiles – High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50kg/25kg sugar – Specifications.	COMPULSORY
16	TZS 2509:2020	Textiles – High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for packing food grains – Specifications.	COMPULSORY
17	TZS 2511:2020	Textiles- Specification for Treated/coated fabrics for various applications.	COMPULSORY
18	TZS 2512:2020	Textiles – Specification for Nonwoven cleaning wipes.	COMPULSORY
19	TZS 2513:2020	Textiles – Specification for nylon fishing line.	COMPULSORY
20	TZS 2541:2020	Textiles – Specifications for polyester fishing nets.	COMPULSORY
21	TZS 2542:2020	Textiles – Specification for polyester fishnet twine.	COMPULSORY

