



## ZANZIBAR BUREAU OF STANDARDS (ZBS)

### LIST OF NEW GAZETTED ZANZIBAR NATIONAL STANDARDS

SEPTEMBER 2025

S/N	ZNS NO.	EDITION	TITLE AND SCOPE	STATUS
1.	ZNS 77-3: 2024 - EAS 412-3: 2019	2 <sup>nd</sup> Edition	<p><b>Steel for the reinforcement of concrete — Specification — Part 3: Welded fabric sheets and coils</b></p> <p>This Zanzibar National Standard specifies technical requirements for factory made sheets and rolls of welded fabric, manufactured from steel wires or bars with diameters from 4 mm to 16 mm and designed for the reinforcement of concrete structures and the ordinary reinforcement of pre stressed concrete structures.</p> <p>This standard covers regular fabric (4.2) and designed fabric (4.3).</p> <p>NOTE For the purpose of this standard the term “wire” also includes bars.</p>	Compulsory



			This second edition cancels and replaces the first edition ZNS 77-3: 2015 and ZNS 130: 2024 which are hereby withdrawn.	
2.	<b>ZNS 77-4: 2024 - TZS 142-4: 2021</b>	<b>1<sup>st</sup> Edition</b>	<p><b>Steel for the reinforcement of concrete — Specification — Part 4: Ribbed bars — Low grade steel (300 – 450 MPa)</b></p> <p>This Zanzibar National Standard specifies technical requirements for low grade steel ribbed bars to be used as reinforcement in concrete. It is applicable to steel delivered in the form of bars, coils and de-coiled products. The standard covers both weldable and non-weldable steels. It does not apply to ribbed bars produced from finished products, such as plates and railway rails.</p> <p>This Standard does not cover higher grades specified in the TZS 142-2. The production process is at the discretion of the manufacturer.</p> <p>This edition cancels and replaces the ZNS 697-4: 2024 which is hereby withdrawn.</p>	<b>Compulsory</b>
3.	<b>ZNS 109: 2025</b>	<b>2<sup>nd</sup> Edition</b>	<p><b>Road vehicles — Retro-reflective registration number plates for motor vehicles and trailers — Specification</b></p>	<b>Compulsory</b>



			<p>This Zanzibar National Standard specifies the minimum requirements for retro-reflective registration number plates for motor vehicles and their trailers.</p> <p>In particular, this Standard specifies the photometric and colorimetric characteristics required and also the test specifications applicable to registration number plates.</p> <p>NOTE — Retro-reflecting number plates may be manufactured from any material which performs satisfactorily in service, provided the requirements of this Standard are met.</p> <p>This second edition cancels and replaces the first edition ZNS 109: 2020 which is hereby withdrawn.</p>	
<b>4.</b>	<b>ZNS 135: 2025</b>	<b>2<sup>nd</sup> Edition</b>	<p><b>Neem herbal soap — Specification</b></p> <p>This Zanzibar National Standard prescribes requirements and test methods for neem herbal soap. Because of neem's varied properties with varied application, the standard shall cover different types as follows:</p>	<b>Compulsory</b>



			<p>a) Neem herbal toilet soap  b) Neem herbal laundry soap  c) Neem herbal liquid soap</p> <p>This second edition cancels and replaces the first edition ZNS 135: 2016 which is hereby withdrawn.</p>	
<b>5.</b>	<b>ZNS 359: 2025 - EAS 827: 2022</b>	<b>2<sup>nd</sup> Edition</b>	<p><b>Fresh and frozen whole fin fish — Specification</b></p> <p>This Zanzibar National Standard specifies requirements, sampling and test methods for fresh and frozen whole fin fish for human consumption.</p> <p>This second edition cancels and replaces the first edition ZNS 359: 2021 which is hereby withdrawn.</p>	<b>Compulsory</b>
<b>6.</b>	<b>ZNS 718: 2025</b>	<b>1<sup>st</sup> Edition</b>	<p><b>Standard guide for disposal of laboratory chemicals and samples</b></p> <p>This guide is intended to provide the chemical laboratory director, manager, chemical laboratory safety officer, and other relevant staff with guidelines for the disposal of small quantities of laboratory wastes safely and in an</p>	<b>Compulsory</b>



			<p>environmentally sound manner. This guide is applicable to laboratories that generate small quantities of chemical or toxic wastes. Generally, such tasks include, but are not limited to, analytical chemistry, process control, quality assurance and research or life science laboratories. It would be impossible to address the disposal of all waste from all types of laboratories. This guide is intended to address the more common laboratory waste streams.</p> <p>This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.</p>	
7.	<b>ZNS 728: 2025</b>	<b>1<sup>st</sup> Edition</b>	<p><b>Quality tolerances for swimming pools water</b></p> <p>This standard prescribes the quality tolerances for water in artificial swimming pools.</p>	<b>Compulsory</b>
8.	<b>ZNS 733: 2025</b>	<b>1<sup>st</sup> Edition</b>	<p><b>Safety and control devices for gas and or oil burners and appliances — General requirements</b></p>	<b>Compulsory</b>



		<p>This document specifies safety, construction, performance and testing requirements for controls for gas burners and gas burning appliances for use with natural gas, manufactured gas or liquefied petroleum gas (LPG).</p> <p>This document applies to controls for use at maximum operating pressures up to and including 500 kPa. This document provides the general requirements that are intended to be the basis for the specific control standards found in the ISO 23551 and ISO 23552 series. These include the following:</p> <ul style="list-style-type: none"><li>— automatic and semi-automatic gas valves;</li><li>— gas thermoelectric flame supervision controls;</li><li>— gas and oil /air ratio controls;</li><li>— gas pressure regulators;</li><li>— manual gas valves;</li><li>— mechanical gas thermostats;</li><li>— multifunctional gas controls;</li><li>— air and gas pressure-sensing devices;</li></ul>	
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			<p>— gas vent valves; and</p> <p>— gas valve-proving systems</p> <p>This document covers type testing only.</p> <p>This document is also applicable to Gas Quick Connectors (GQC) for use inside appliances with connections up to, and including DN 25, and a maximum operating pressure up to and including 100 kPa. GQCs include:</p> <p>— tube to tube connections;</p> <p>— tube to control connections; and</p> <p>— tube to fitting connections.</p> <p>This document does not apply to mechanical controls for use with liquid fuels. It is also not applicable to corrosive and waste gases.</p>	
<b>9.</b>	<b>ZNS 736: 2025</b>	<b>1<sup>st</sup> Edition</b>	<p><b>Disinfectants — Quaternary ammonium based — Specification</b></p> <p>This Zanzibar National Standard specifies the formulations based on quaternary ammonium compounds in liquid or powder form for disinfecting inanimate spaces. It is intended</p>	<b>Compulsory</b>



			primarily for destruction of pathogens on floors, walls and other hard surfaces.	
10.	<b>ZNS 737: 2025 - TZS 3400: 2023</b>	<b>1<sup>st</sup> Edition</b>	<b>Shoe cream — Specification</b> This Zanzibar National Standard specifies requirements, sampling and test methods for wax-emulsion type shoe cream suitable for general application to leather footwear.	<b>Compulsory</b>
11.	<b>ZNS 738: 2025 - TZS 2353: 2019</b>	<b>1<sup>st</sup> Edition</b>	<b>Adhesives — Ethyl and methyl cyanoacrylate — Specification</b> This Zanzibar National Standard specifies requirements, sampling and methods of test for adhesives – ethyl and methyl cyanoacrylate.	<b>Compulsory</b>
12.	<b>ZNS 739: 2025 -TZS 3137: 2023</b>	<b>1<sup>st</sup> Edition</b>	<b>Adhesives for Polyvinyl Chloride (PVC) plastic pipes —Specification</b> This Zanzibar National Standard specifies requirements, sampling and test methods for adhesives used in polyvinyl chloride (PVC) plastic pipes.	<b>Compulsory</b>
13.	<b>ZNS 740: 2025</b>	<b>1<sup>st</sup> Edition</b>	<b>Solid waste Management of health care waste</b> This Zanzibar National Standard specifies the management of health care wastes from	<b>Compulsory</b>





			<p>generation; segregation, storage, transportation, treatment by incineration and autoclaving to final disposal.</p> <p>This Zanzibar National Standard applies to wastes arising from activities such as medical, dental, veterinary practice, pathology and pharmaceutical laboratories, health care and supported care services, medical emergency services, blood banks, mortuaries, saloons, tattooing, academic laboratories, researchers and body piercing establishments.</p>	
14.	ZNS 745: 2025	1 <sup>st</sup> Edition	<p><b>Solid waste — Management of commercial facilities (shops, markets, malls, hotels) wastes — Guidelines</b></p> <p>This standard prescribes guidelines for segregation, collection, transportation, treatment and disposal of solid waste (SW) generated at commercial facilities including shops, markets, malls, hotels etc.</p> <p>Elements namely, collection from the facility, transportation by primary vehicles to transfer</p>	Compulsory



			<p>station and further transport by secondary vehicles to transport for processing and recycling and final scientific disposal of reject material' are excluded from this standard.</p> <p>NOTE: General guidelines are also provided for collection and handling of e - waste, bio-medical waste, commercial hazardous waste, garden waste, construction and demolition waste generated from commercial facilities.</p>	
15.	<b>ZNS 747: 2025</b>	<b>1<sup>st</sup> Edition</b>	<p><b>Plastics — Recovery and Recycling of Plastics Waste — Guidelines</b></p> <p>This standard prescribes guidelines for the recycling of plastics waste/scrap by different techniques based on technological trends and policy directives issued for the plastics waste management in Zanzibar. The process stages, requirements, recommendations and terminology presented in this standard are intended for general applicability. The scope of this standard does not cover product related specifications or requirements including statutory guidelines, issued from time to time and as</p>	<b>Compulsory</b>



			<p>applicable.</p> <p>The guidelines shall help manufacturers of plastic products who wish to use recycled material along with virgin material in deciding about quality and marking requirements based on percentage of recycled content used in the finished product.</p>	
16.	<b>ZNS 760: 2025 - EAS 954: 2024</b>	<b>1<sup>st</sup> Edition</b>	<p><b>Meat sausages — Specification</b></p> <p>This Zanzibar National Standard specifies requirements, sampling and test methods for meat sausages intended for human consumption.</p> <p>This standard does not cover dry or fermented sausages.</p>	<b>Compulsory</b>
17.	<b>ZNS 761: 2025 -EAS 1188: 2024</b>	<b>1<sup>st</sup> Edition</b>	<p><b>Edible natural casings sausages — Specification</b></p> <p>This Zanzibar National Standard specifies requirements, sampling and test methods for edible natural casings fit for human consumption.</p> <p>This standard does not cover artificial casings including but not limited to casings from cellulose</p>	<b>Compulsory</b>



			and collagens.	
18.	<b>ZNS 762: 2025 - EAS 1187: 2024</b>	<b>1<sup>st</sup> Edition</b>	<b>Edible Offal — Specification</b> This Zanzibar National Standard specifies requirements, sampling and test methods for edible offal intended for human consumption.	<b>Compulsory</b>
19.	<b>ZNS 763: 2025 - EAS 1186: 2024</b>	<b>1<sup>st</sup> Edition</b>	<b>Edible insects — Specification</b> This Zanzibar National Standard specifies requirements, sampling and test methods for dried whole edible insects and insect powder intended for human consumption.	<b>Compulsory</b>
20.	<b>ZNS 764: 2025 - EAS 1189: 2024</b>	<b>1<sup>st</sup> Edition</b>	<b>Marinated meat — Specification</b> This Zanzibar National Standard specifies requirements, sampling and test methods for marinated meat intended for human consumption.	<b>Compulsory</b>
21.	<b>ZNS 765: 2025</b>	<b>1<sup>st</sup> Edition</b>	<b>Refuse collection vehicles — Waste odour and leachate prevention and control</b> This document specifies methods for preventing the spread of waste odour and the leakage of leachate during the collection and transportation of waste in refuse collection	<b>Compulsory</b>



			<p>vehicles (RCVs), when the control of the spread of waste odour and leakage of leachate is required in order to protect the surrounding environment.</p> <p>This document is not applicable in cases when it is not necessary to provide control of waste odour or leachate due to the composition or packaging of waste and there is no influence on the environment due to the loaded waste.</p>	
<b>22.</b>	<b>ZNS 766: 2025</b>	<b>1<sup>st</sup> Edition</b>	<p><b>Air quality — Tolerance limits for incinerator pollutants emission to air</b></p> <p>This Zanzibar National Standard prescribes the tolerance limits for pollutants emissions from all types of incinerators except incinerators used for hospital wastes.</p> <p>NOTE – Incinerators for hospital wastes are covered under TZS 1681/EAS 491, Incineration plant for destruction of hospital waste — Specification.</p>	<b>Compulsory</b>
<b>23.</b>	<b>ZNS 767-1: 2025 -</b>	<b>1<sup>st</sup> Edition</b>	<b>Polyvinyl chloride insulated cables of rated</b>	<b>Compulsory</b>



	<b>IEC 60227-1: 2024</b>		<b>voltages up to and including 450-750 V - Part 1 - General requirements</b> This standard applies to rigid and flexible cables with insulation, and sheath if any, based on polyvinyl chloride, of rated voltages $U_0/U$ up to and including 450/750 V used in power installations of nominal voltage not exceeding 450/750 V AC.	
<b>24.</b>	<b>ZNS 767-3: 2025 - IEC 60227-3: 2024</b>	<b>1<sup>st</sup> Edition</b>	<b>Polyvinyl chloride insulated cables of rated voltages up to and including 450-750 V - Part 3 - Non-sheathed cables for fixed wiring</b> This standard detail the particular standards for polyvinyl chloride insulated single-core non-sheathed cables for fixed wiring of rated voltages up to and including 450/750 V. This document provides particular requirements for non-sheathed cables for fixed wiring which apply in addition to the appropriate requirements specified in ZNS 767-1, which apply to all cables.	<b>Compulsory</b>
<b>25.</b>	<b>ZNS 767-4: 2025 - IEC 60227-4: 2024</b>	<b>1<sup>st</sup> Edition</b>	<b>Polyvinyl chloride insulated cables of rated voltages up to and including 450-750 V - Part 4-</b>	<b>Compulsory</b>



			<b>Sheathed cables for fixed wiring</b> This standard detail the particular specifications for light polyvinyl chloride sheathed cables of rated voltages of 300/500 V. This document provides particular requirements for sheathed cables for fixed wiring which apply in addition to the appropriate requirements specified in ZNS 767-1, which apply to all cables.	
26.	<b>ZNS 767-5: 2025 - IEC 60227-5: 2024</b>	1 <sup>st</sup> Edition	<b>Polyvinyl chloride insulated cables of rated voltages up to and including 450 -750 V - Part 5- Flexible cables (cords)</b> This standard detail the particular specifications for polyvinyl chloride insulated flexible cables (cords), of rated voltages up to and including 300/500 V. This document provides particular requirements for flexible cables (cords) which apply in addition to the appropriate requirements specified in ZNS 767-1, which apply to all cables.	<b>Compulsory</b>
27.	<b>ZNS 768: 2025 - EAS 832: 2022</b>	1 <sup>st</sup> Edition	<b>Fish industry — Operational cleanliness and hygiene — Guidelines</b> This Zanzibar National Standard provides	<b>Compulsory</b>



			guidelines for operational cleanliness and hygiene in the fish industry.	
28.	<b>ZNS 769: 2025 - EAS 833: 2022</b>	<b>1<sup>st</sup> Edition</b>	<b>Processing and handling of dried fish and fish products — Code of practice</b> This Zanzibar National Standard provides guidelines for processing and handling of dried fish and fish products intended for human consumption.	<b>Compulsory</b>
29.	<b>ZNS 770: 2025 - EAS 834: 2024</b>	<b>1<sup>st</sup> Edition</b>	<b>Processing and handling of salted fish and fish products — Code of practice</b> This Zanzibar National Standard provides guidelines for processing and handling of salted fish and fish products intended for human consumption.	<b>Compulsory</b>
30.	<b>ZNS 771: 2025</b>	<b>1<sup>st</sup> Edition</b>	<b>Textile – Cotton sewing threads – Specification</b> This Zanzibar National Standard specifies requirements, sampling and construction details for 43 types of cotton sewing threads, including unbleached, bleached or dyed varieties.  However, this Zanzibar National Standard does not define the finish and texture of the sewing	<b>Compulsory</b>





			thread, nor does it specify the level of whiteness for the bleached thread or the colour of the dyed threads.	
31.	ZNS 772: 2025	1 <sup>st</sup> Edition	<p><b>Textiles — Sewing threads specification — Sewing threads made wholly or partly from synthetic fibres</b></p> <p>This Zanzibar National Standard specifies minimum requirements for industrial and domestic sewing thread containing synthetic materials. It deals with industrial and domestic sewing threads made from the following substrates and combination of substrates:</p> <ul style="list-style-type: none"> <li>a) Continuous filament polyester;</li> <li>b) Staple fibre polyester;</li> <li>c) Air jet textured polyester;</li> <li>d) False twist textured polyester;</li> <li>e) Continuous filament nylon 6.6;</li> <li>f) Staple fibre and Continuous filament aramid;</li> <li>g) False twist textured nylon 6.6;</li> <li>h) Polyester and cotton core spun (Continuous filament polyester core,</li> </ul>	Compulsory



			cotton sheath); and i) Polyester and polyester core spun (Continuous filament polyester core, staple spun polyester sheath).	
32.	<b>ZNS 773: 2025 - EAS 227: 2018</b>	<b>1<sup>st</sup> Edition</b>	<b>Knitted cotton fabric — Specification</b> This Zanzibar National Standard specifies the requirements, sampling and test methods for knitted cotton fabric suitable for apparel purposes.	<b>Compulsory</b>
33.	<b>ZNS 774: 2025</b>	<b>1<sup>st</sup> Edition</b>	<b>Textiles — Knitted polyester fabric — Specification</b> This Zanzibar National Standard specifies the requirements, sampling and test methods for knitted polyester fabric for apparel purposes.	<b>Compulsory</b>
34.	<b>ZNS 775: 2025 - EAS 222: 2018-Amd. No.1 2020</b>	<b>1<sup>st</sup> Edition</b>	<b>Knitted Polyester cellulosic blended fabric — Specification</b> This Zanzibar National Standard specifies the requirements, sampling and test methods for knitted polyester- cellulosic blended fabric for apparel purposes.	<b>Compulsory</b>



35.	<b>ZNS 776-2: 2025</b>	<b>1<sup>st</sup> Edition</b>	<b>Textile — Specification for mosquito nets — Part 2: Net made from 100 % polyethylene yarn</b> This Zanzibar National Standard specifies the requirements for two types of mosquito nets—rectangular and conical (or circular)—made entirely from high-density polyethylene monofilament yarn. These nets may be either bleached or dyed, as agreed upon in the contract or purchase order.	<b>Compulsory</b>
36.	<b>ZNS 777: 2025 - EAS 1049: 2022</b>	<b>1<sup>st</sup> Edition</b>	<b>Paper hand towel sheets (multi-fold hand towels) — Specification</b> This Zanzibar National Standard specifies requirements, sampling and test methods for paper hand towel sheets used for general hygiene.	<b>Compulsory</b>
37.	<b>ZNS 778: 2025 - EAS 1050: 2022</b>	<b>1<sup>st</sup> Edition</b>	<b>Kitchen paper towels — Specification</b> This Zanzibar National Standard specifies requirements, sampling and test methods for kitchen paper towels supplied in rolls and sheets used for hygiene and cleaning purposes in the kitchen.	<b>Compulsory</b>



<b>38.</b>	<b>ZNS 779: 2025</b>	<b>1<sup>st</sup> Edition</b>	<b>Glue stick — Specification</b> This Zanzibar National Standard prescribes the requirements, sampling and test methods for glue stick for joining paper to paper and paper to other surfaces like paperboard, wood, cloth, glass and metals in general use.	<b>Compulsory</b>
<b>39.</b>	<b>ZNS 780: 2025</b>	<b>1<sup>st</sup> Edition</b>	<b>Black lead pencil — Specification</b> This Zanzibar National Standard specifies the requirements, sampling and test methods for black lead pencil.	<b>Compulsory</b>
<b>40.</b>	<b>ZNS 781: 2025</b>	<b>1<sup>st</sup> Edition</b>	<b>Ginger and turmeric tonic drink — Specification</b> This Zanzibar National Standard specifies requirements, sampling and test methods for ginger and turmeric tonic drinks.	<b>Compulsory</b>