

**TANZANIA BUREAU OF STANDARDS (TBS) WISHES TO INFORM GENERAL
PUBLIC THAT THE BELOW TANZANIA STANDARD HAS BEEN GAZETTES IN
GOVERNMENT NOTICE NO. 190 PUBLISHED ON 22/03/2024**

CHEMICAL STANDARDS

1	TZS 3293:2022/ISO 3585:1998	Borosilicate glass 3.3 - Properties.	Compulsory
2	TZS 3294:2022/ISO 1769:1975	Laboratory glassware - Pipettes - Color coding.	Compulsory
3	TZS 3300:2022/ISO 384:2015	Laboratory glass and plastics ware - Principles of design and construction of volumetric instruments.	Compulsory
4	TZS 3301:2022/ISO 383:1976	Laboratory glassware -Interchangeable conical ground joints.	Compulsory
5	TZS 3302:2022/ISO 835:2007	Laboratory glassware - Graduated pipettes.	Compulsory
6	TZS 3303:2022/ISO 3819:2015	Laboratory glassware – Beakers.	Compulsory
7	TZS 3304:2022/ISO 648:2008	Laboratory glassware - Single-volume pipettes	Compulsory
8	TZS 3305:2022/ISO 4788:2005	Laboratory glassware -Graduated measuring cylinders	Compulsory
9	TZS 3325:2022/ISO 19378:2003	Lubricants, industrial oils and related products (class L) - Machine-tool lubricants	Compulsory
10	TZS 3326:2022/ISO 24254:2007	Lubricants, industrial oils and related products (class L) -Family E (internal combustion engine oils) -Specifications for oils for use in four-stroke cycle motorcycle gasoline engines and associated drivetrains (categories EMA and EMB)	Compulsory
11	TZS 33271:2022/ISO 65211:2019	Lubricants, industrial oils and related products (Class L) - Family D (compressors) - Part 1: Specifications of categories DAA and DAB (lubricants for	Compulsory

		reciprocating and drip feed rotary air compressors)	
12	TZS 33283:2022/ISO 65213:2019	Lubricants, industrial oils and related products (Class L) — Family D (compressors) — Part 3: Specifications of categories DRA, DRB, DRC, DRD, DRE, DRF and DRG (lubricants for refrigerating compressors)	Compulsory
13	TZS 33293:2022/ISO 67433:2003	Lubricants, industrial oils and related products (class L) -Classification - Part 3: Family D (Compressors)	Compulsory

14	TZS 33091:2022/ISO 58321:2016	Implants for surgery - Metallic materials - Part 1: Wrought stainless steel.	Compulsory
15	TZS 33092:2022/ISO 58322:2018	Implants for surgery -Metallic materials - Part 2: Unalloyed titanium.	Compulsory
16	TZS 33093:2022/ISO 58323:2021	Implants for Surgery-Metallic materials-part 3: Wrought Titanium 6-Aluminium 4Vanadium alloy	Compulsory
17	TZS 33094:2022/ISO 58324:2014	Implants for surgery-Metallic materials-Part 4: Cobalt-Chromium Molybdenum casting alloy	Compulsory
18	TZS 33095:2022/ISO 58325:2022	Implants for Surgery-Metallic Materials-Part 5: Wrought Cobalt-Chromium-Tungsten-Nickel alloy	Compulsory
19	TZS 33096:2022/ISO 58326:2022	Implants for Surgery-Metallic Materials-Part 6: Wrought Cobalt-Nickel-Chromium Molybdenum alloy	Compulsory
20	TZS 33097:2022/ISO 58327:2016	Implants for Surgery-Metallic Materials-Part 7: Forgeable and cold-formed Cobalt Chromium-Nickel-Molybdenum-Iron alloy.	Compulsory
21	TZS 33099:2022/ISO 58329:2019	Implants for surgery-Metallic materials-Part 9: Wrought high nitrogen stainless steel	Compulsory
22	TZS 3309 11:2022/ISO 583211:2014	Implants for Surgery-Metallic Materials-Part 11: Wrought Titanium 6-Aluminium 7Niobium alloy	Compulsory
23	TZS 3309-	Implants for Surgery-Metallic Materials-Part	Compulsory

	12:2022/ISO 583212:2019	12: Wrought-Cobalt-Chromium-Molybdenum alloy	
24	TZS 3309- 14:2022/ISO 583214:2019	Implants for Surgery-Metallic Materials-Part 14: Wrought Titanium 15-Molybdenum 5Zirconium 3-Aluminium alloy	Compulsory
25	TZS 3310- 1:2022/ISO 116071:2019	Packaging for terminally sterilized medical devices-Part 1: Requirements for materials, sterile barrier systems and packaging systems	Compulsory
26	TZS 33111:2022/ISO 68921:2019	Metallic materials-Tensile testing-Part 1: Method of test at room temperature	Compulsory
27	TZS 3312:2022/ISO 14971:2019	Medical devices-Application of risk management to medical devices	Compulsory
28	TZS 3313:2022/ISO 15675:2016	Cardiovascular implants and artificial Organs-Cardiopulmonary bypass systems-Arterial blood line filters.	Compulsory
29	TZS 3314:2022/ISO 14155:2020	Clinical investigation of medical devices for human subjects - Good clinical practice	Compulsory
30	TZS 3315:2022/ISO 14630:2012	Non-active surgical implants-General requirements	Compulsory

ELECTRICAL STANDARDS

S/N	TZS NUMBER	TITLE	CATEGORY
1.	TZS 3290:2022/IEC 60507:2013	Artificial pollution tests on high-voltage ceramic and glass insulators to be used on a.c. systems	Compulsory
2	TZS 3286- 8:2022/IEC 600998:2017	Surge arresters - Part 8: Metal-oxide surge arresters with external series gap (EGLA) for overhead transmission and distribution lines of a.c. systems above 1 kV	Compulsory
3	TZS 3291- 1:2022/IEC 608311:2014	Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 000 V - Part 1: General - Performance, testing and rating - Safety requirements - Guide for installation	Compulsory
4	TZS 3291- 2:2022/IEC 608312:2014	Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 000 V - Part 2: Ageing test, self-healing test and destruction test	Compulsory

5	TZS 1628-11:2022/IEC 6205211:2020	Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment	Compulsory
6	TZS 1628-21:2022/IEC 6205321:2020	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)	Compulsory
7	TZS 3284111:2022/IEC 62271-111:2019	High-voltage switchgear and control gear - Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV	Compulsory

ENVIRONMENTAL STANDARDS

1	TZS 2500-2:2022/ISO 146882:2017	Geotechnical investigation and testing - Identification and classification of soil - Part 2: Principles for a classification	Compulsory
2	TZS 3322:2022	Decentralized wastewater treatment systems - General tolerance limits to the environment	Compulsory
3	TZS 3173:2022	Fecal sludge management - Permissible limits for use and disposal	Compulsory
4	TZS 3324:2022/ISO 7205:1986	Radionuclide gauges - Gauges designed for permanent installation.	Compulsory
5	TZS 3323:2022/ISO 2919:2012	Radiological Protection -Sealed radioactive sources -General requirements and classification.	Compulsory