

Standards (Declaration of Standard Marks)

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THE STANDARDS ACT, (CAP. 130)

NOTICE

(Made under section 20(1))

THE STANDARDS (DECLARATION OF STANDARD MARKS) NOTICE, 2020

Citation 1. This Notice may be cited as the Standards
(Declaration of Standard Marks) Notice, 2020.

Prescription of standards 2. The standard marks set out in the Schedule to this
Notice are hereby declared to be the standard marks for each
commodity specified there under.

SCHEDULE

(Made under paragraph 2)

S/N	TZS NUMBER	TITLE	CATEGORY
1.	TZS 2212- 11:2020/ISO 17892-11:2019	Geotechnical investigation and testing — Laboratory testing of soil —Part 11: Permeability tests	Voluntary
2.	TZS 2500- 1:2020/ISO 14688-1:2017	Geotechnical investigation and testing — Identification and classification of soil — Part 1: Identification and description	Voluntary
3.	TZS 2501:2020/ISO 14689:2017	Geotechnical investigation and testing — Identification, description and classification of rock	Voluntary
4.	TZS 2502- 12:2020/ISO 22476-12:2009	Geotechnical investigation and testing —Field testing — Part 12: Mechanical cone penetration test (CPTM)	Voluntary
5.	TZS 2503:2020/ISO 30500:2018	Non-Sewered sanitation Systems — Prefabricated Integrated Treatment Units — General safety and Performance Requirements for design and testing	Voluntary

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6.	TZS 2504:2020/ISO 24521:2016	Activities relating to drinking water and wastewater services —Guidelines for the management of basic on-site domestic wastewater services	Voluntary
7.	TZS 2506:2020	Kitchen Sinks - Connecting dimensions	Voluntary
8.	TZS 952:2020	Concrete pipes and fittings, unreinforced, Steel fibre and reinforced	Voluntary
9.	TZS 1062:2020	Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced	Voluntary
10.	TZS 589:2020	Methods of test for pozzolanic materials	Voluntary
11.	TZS 590:2020	Glossary of terms relating to pozzolana	Voluntary
12.	TZS 2400-3:2020/ ISO/ IEC 15457 – 3:2008	Identification cards-Thin flexible cards-Part 3: Part 3: Test method	Voluntary
13.	TZS 2401:2020/ ISO/IEC 27032:2012	Information technology-Security Techniques-Guidelines for cyber security	Voluntary
14.	TZS 2402:2020/ ISO/IEC 7810:2003	Identification cards - Physical characteristics	Voluntary
15.	TZS 2400-1:2020/ ISO/IEC 15457- 1:2008	Identification cards - Thin flexible cards - Part 1: Physical characteristics	Voluntary
16.	TZS 2403-1:2020/ ISO/IEC 18328- 1:2015	Identification cards-ICC-managed devices-Part 1: General framework	Voluntary
17.	TZS 2404-1:2020/ ISO/IEC 7816- 1:2011	Identification cards-Integrated circuit cards-Part 1: Cards with contacts-Physical characteristics	Voluntary
18.	TZS 2405-2:2020/ ISO/IEC 17839- 2:2015	Information technology-Biometric System-on-card-Part 2: Physical characteristics	Voluntary
19.	TZS 2403-2:2020 /ISO/IEC18328- 2:2015	Identification-cards-ICC managed devices-Part 2: Physical characteristics and test methods for cards with devices	Voluntary
20.	TZS 2406-	Photovoltaic system	Voluntary

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	1:2020/IEC 61724-1:2017	performance-Part 1: Monitoring	
21.	TZS 2410:2020/IEC 62509:2010	Battery charge controllers for photovoltaic systems- Performance and functions	Voluntary
22.	TZS 2406- 3:2020/IEC 61724-3:2016	Photovoltaic system performance-Part 3: Energy evaluation method	Voluntary
23.	TZS 970:2020/IEC 61829:2015	Photovoltaic (PV) array-On- site measurement of current voltage characteristics	Voluntary
24.	TZS 1952-9- 5:2020 / IEC TS 62257-9-5:2018	Recommendation for renewable energy and hybrid systems for rural electrification-Part 9-5: Integrated Systems- Laboratory evaluation of stand-alone renewable energy products for rural electrification Safety of power converter for use in PV systems Part 1: General requirements	Voluntary
25.	TZS 2408:2020/IEC 62093:2005	Balance of system components for photovoltaic systems-Design qualification natural environments	Voluntary
26.	TZS 2465-1:2020/ IEC 63032-1:2018	Low-frequency cables and wires with PVC insulation and PVC sheath - Part 1: General test and measuring methods	Voluntary
27.	TZS 2369:2020	Field logging for subsurface explorations of soil and rock – code of practice.	Voluntary
28.	TZS 2370:2020	Transportation and preservation of soil samples – code of practice	Voluntary
29.	TZS 2371:2020/ISO 18875:2015	Coalbed methane exploration and development — Terms and definitions.	Voluntary
30.	TZS 2452:2020/ISO 18871:2015	Method of determining coalbed methane content.	Voluntary
31.	TZS 2457-	Hard coal -- Froth flotation	Voluntary

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	1:2020/ISO 8858-1:1990	testing -- Part 1: Laboratory procedure.	
32.	TZS 2457-2:2020/ISO 8858-2:2004	Hard coal -- Froth flotation testing -- Part 2: Sequential evaluation.	Voluntary
33.	TZS 2457-3:2020/ISO 8858-3:2004	Hard coal -- Froth flotation testing -- Part 3: Release evaluation.	Voluntary
34.	TZS 2458-1:2020/ISO 10086-1:2000	Coal -- Methods for evaluating flocculants for use in coal preparation -- Part 1: Basic parameters.	Voluntary
35.	TZS 2459:2020/ISO 8833:1989	Magnetite for use in coal preparation - Test methods.	Voluntary
36.	TZS 2461:2020/ISO 8654:2018	Jewellery — Colors of gold alloys — Definition, range of colors and designation.	Voluntary
37.	TZS 2462:2020/ISO 10713:1992	Jewellery - Gold alloy coatings	Voluntary
38.	TZS 2463:2020/ISO 11426:2014	Jewelry — Determination of gold in gold jewelry alloys — Cupellation method (fire assay).	Voluntary
39.	TZS 2453:2020/ISO 11790:2017	Copper, lead, zinc and nickel concentrates - Guideline for the inspection of mechanical sampling systems	Voluntary
40.	TZS 2454:2020/ISO 12743:2018	Copper, lead, zinc and nickel concentrates - Sampling procedures for determination of metal and moisture content.	Voluntary
41.	TZS 2455:2020/ISO 11794:2017	Copper, lead, zinc and nickel concentrates - Sampling of slurries.	Voluntary
42.	TZS 2456:2020/ISO 10378:2016	Copper, lead and zinc sulfide concentrates - Determination of gold and silver — Fire assay gravimetric and flame atomic absorption spectrometric method	Voluntary
43.	TZS 2545-1:2020/ISO 6689-1:2014	Equipment for harvesting - Combines and functional components - Part 1- Vocabulary	Voluntary
44.	TZS 2545-2:2020/ISO 6689-	Equipment for harvesting - Combines and functional	Voluntary

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	2:2014	components – Part2- Assessment of characteristics and performance defined in vocabulary	
45.	TZS 2546- 1:2020/ISO 8909- 1:2014	Forage harvesters - Part 1- Vocabulary	Voluntary
46.	TZS 2546- 3:2020/ISO 8909- 3:2014	Forage harvesters -Part 3: Test method	Voluntary
47.	TZS 2548:2020/ISO 17103:2009	Agricultural machinery — Rotary disc mowers, rotary drum mowers and flail mowers — Test methods and acceptance criteria for protective skirts	Voluntary
48.	TZS 2549:2020/ISO 10144:2018	Steels for the reinforcement and prestressing of concrete — Certification scheme for steel bars and wires	Voluntary
49.	TZS 2550- 3:2020/ISO 6361- 3:2014	Wrought aluminium and aluminium alloys — Sheets, strips and plates — Part 3: Strips: Tolerances on shape and dimensions.	Voluntary
50.	TZS 2550- 4:2020/ISO 6361- 4:2014	Wrought aluminium and aluminium alloys — Sheets, strips and plates — Part 4: Sheets and plates: Tolerances on shape and dimensions.	Voluntary
51.	TZS 2551:2020/ISO 8210:2014	Equipment for harvesting - Combine harvesters - Test procedure	Voluntary
52.	TZS 2411:2020/ISO 21569:2005	Foodstuffs- Methods of analysis for the detection of genetically modified organisms and derived products- Qualitative nucleic acid-based methods.	Voluntary
53.	TZS 2412:2020/ISO 21570:2005	Foodstuffs - Methods of analysis for the detection of genetically modified organisms and derived products - Quantitative nucleic acid-based methods	Voluntary
54.	TZS 2413:2020/ISO 21571:2005	Foodstuffs- Methods of analysis for the detection of genetically modified organisms and derived	Voluntary

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		products- Nucleic acid extraction.	
55.	TZS 2414:2020/ISO 24276:2006	Foodstuffs- Methods of analysis for the detection of genetically modified organisms and derived products- General requirements and definitions	Voluntary
56.	TZS 484:2020/ISO 6658:2017	Sensory analysis - methodology-General guidance	Voluntary
57.	TZS 487:2020/ISO 8589:2007	Sensory analysis -General guidance for the designs of test rooms	Voluntary
58.	TZS 2429:2020/ISO 5496:2006	Sensory analysis - Methodology -Initiation and training of assessors in the detection of recognition of odours	Voluntary
59.	TZS 2430:2020/ISO 11037:2011	Sensory analysis-Guidelines for sensory assessment of the colour of products	Voluntary
60.	TZS 2431:2020/ISO 5492:2008	Sensory analysis vocabulary	Voluntary
61.	TZS 594:2020/ISO 4120:2004	Sensory analysis-Methodology-Triangle test	Voluntary
62.	TZS 593:2020/ISO 4121:2003	Sensory analysis-Methodology-method of investigating sensitivity of taste	Voluntary
63.	TZS 485:2020/ISO 4121:2003	Guidelines for the use of quantitative response scale	Voluntary
64.	TZS 486:2020/ISO 5497:1982	Sensory analysis methodology-Guidelines for the preparation of samples for which direct sensory analysis is not feasible	Voluntary
65.	TZS 2432:2020/ISO 16779:2015	Sensory analysis-assessment (determination and verification) of the shelf life of foodstuffs	Voluntary
66.	TZS 2433:2020/ISO 13302:2003	Sensory analysis -methods of assessing modification to the flavor of foodstuffs due to	Voluntary

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		packaging	
67.	TZS 2434:2020/ISO 11136:2014	Sensory analysis- methodology-General guidance for conducting hedonic test with consumers in a controlled area	Voluntary
68.	TZS 2435:2020/ISO 11132:2012	Sensory analysis- methodology-Guidelines for monitoring the performance of a quantitative sensory panel	Voluntary
69.	TZS 2436:2020/ISO 8586:2012	Sensory analysis -general guidance for the selection, training and monitoring of selected assessors and expert sensory assessors	Voluntary
70.	TZS 2437:2020/ISO 11035:1994	Sensory analysis- Identification and selection of descriptors for establishing a sensory profile by a multidimensional approach	Voluntary
71.	TZS 2438:2020/ISO 13299:2016	Sensory analysis- Methodology-General guidance for establishing a sensory profile	Voluntary
72.	TZS 2439:2020/ISO 11036:1994	Sensory analysis- Methodology -Texture profile	Voluntary
73.	TZS 121:2020	Method for microbiological examination of <i>Clostridium botulinum</i> and <i>Clostridium botulinum</i> toxin in food stuffs	Voluntary
74.	TZS 403:20019/ISO 21567:2004	Microbiology of food and animal feeding Stuffs- Horizontal method for the detection of <i>Shigella spp</i>	Voluntary
75.	TZS 730- 3:2020/ISO 16649-3:2015	Microbiology of the food chain - Horizontal method for the enumeration of beta- glucuronidase-positive <i>Escherichia coli</i> - Part 3: Detection and most probable number technique using 5- bromo-4-chloro-3-indolyl-β- D-glucuronide	Voluntary
76.	TZS 1183:2020/ISO	Microbiology of the food chain -- Preparation of test	Voluntary

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	6887-4:2017	samples, initial suspension and decimal dilutions for microbiological examination - Part 4: Specific rules for the preparation of miscellaneous products	
77.	TZS 730-1:2020/ISO 16649-1:2018	Microbiology of the food chain- Horizontal method for the enumeration of beta-glucuronidase-positive <i>Escherichia coli</i> - Part 1: Colony-count technique at 44 degrees C using membranes and 5-bromo-4-chloro-3-indolyl beta-D-glucuronide	Voluntary
78.	TZS 951:2020/ISO 18593:2018	Microbiology of the food chain- Horizontal methods for surface sampling	Voluntary
79.	TZS 1182:2020/ISO 6887-3:2017	Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination- Part 3: Specific rules for the preparation of fish and fishery product	Voluntary
80.	TZS 2420:2020/ISO 6887-6:2013	Microbiology of food and animal feed- Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 6: Specific rules for the preparation of samples taken at the primary production stage	Voluntary
81.	TZS 2421:2020/ISO 10273:2017	Microbiology of the food chain- Horizontal method for the detection of pathogenic <i>Yersinia enterocolitica</i>	Voluntary
82.	TZS 2422:2020/ISO 22964	Microbiology of the food chain- Horizontal method for the detection of <i>Cronobacter spp</i>	Voluntary
83.	TZS 2423:2020/ISO 18743:2015	Microbiology of the food chain- Detection of <i>Trichinella</i> larvae in meat by artificial digestion method	Voluntary

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84.	TZS 2424-1:2020/ISO 15216-1:2016	Microbiology of the food chain- Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR-Part 1: Method for quantification	Voluntary
85.	TZS 2425:2020/ISO 16654:2001	Microbiology of food and animal feeding stuff- Horizontal method for the detection of <i>Escherichia coli</i> O157	Voluntary
86.	TZS 2426-1:2020/ISO 21527-1:2008	Microbiology of food and animal feeding stuff - Horizontal method for the enumeration of yeasts and moulds - Part 1: Colony count technique in products with water activity greater than 0,95	Voluntary
87.	TZS 2426-2:2020/ISO 21527-2:2008	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of yeasts and moulds - Part 2: Colony count technique in products with water activity less than or equal to 0,95	Voluntary
88.	TZS 2427:2020/ISO 21871:2006	Microbiology of food and animal feeding stuff - Horizontal method for the determination of low numbers of presumptive <i>Bacillus cereus</i> – Most probable number technique and detection method	Voluntary
89.	TZS 2428:2020/ISO 17604:2015	Microbiology of the food Chain -Carcass sampling for microbiological analysis	Voluntary
90.	TZS 2446:2020	Determination of the difference between actual and theoretical content of triacylglycerols with ECN 42 in olive oil	Voluntary
91.	TZS 2447:2020/ISO 6800:1997	Animal and vegetable fats and oils - Determination of the composition of fatty acids in the 2-position of the triglyceride molecules	Voluntary
92.	TZS 1314 -1:2020	Oilseeds – Part 1:	Voluntary

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		Determination of content of impurities	
93.	TZS 1314 - 2:2020	Oilseeds – Part 2: Determination of moisture and volatile matter content	Voluntary
94.	TZS 1314 - 3:2020	Oilseeds – Part 3: Determination of oil content (Reference method)	Voluntary
95.	TZS 1314 - 4:2020	Oilseeds – Part 4: Determination of acidity of oils	Voluntary
96.	TZS 974:2020/ISO 11047:1998	Soil quality - Determination of Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel and Zinc - Flame and electro thermal atomic absorption spectrometric methods	Voluntary
97.	TZS 975:2020/ISO 16772:2004	Soil quality - Determination of Mercury in aqua regia soil extracts with cold-vapor atomic spectrometry or cold-vapor atomic fluorescence spectrometry	Voluntary
98.	TZS 976:2020/ISO 11264:2005	Soil quality - Determination of herbicides - Method using HPLC with UV-detection.	Voluntary
99.	TZS 977:2020/ISO 10382:2002	Soil quality - Determination of Organochlorine pesticides and Polychlorinated biphenyls - Gas-chromatographic method with electron capture detection.	Voluntary
100.	TZS 2514:2020/ISO 13914:2013	Soil quality -- Determination of dioxins and furans and dioxin-like polychlorinated biphenyls by gas chromatography with high-resolution mass selective detection (GC/HRMS)	Voluntary
101.	TZS 2515:2020/ISO 15192:2010	Soil quality -- Determination of chromium (VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection.	Voluntary

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102.	TZS 2516:2020/ ISO14256-2:2005	Soil quality -- Determination of nitrate, nitrite and ammonium in field-moist soils by extraction with potassium chloride solution - - Part 2: Automated method with segmented flow analysis.	Voluntary
103.	TZS 2517:2020/ISO/TR 18105:2014	Soil quality -- Detection of water soluble chromium (VI) using a ready-to-use test-kit method	Voluntary
104.	TZS 2518:2020/ISO 18227:2014	Soil quality -- Determination of elemental composition by X-ray fluorescence	Voluntary
105.	TZS 973:2020/ISO 15009: 2016	Soil quality - Gas chromatographic determination of the content of volatile Aromatic hydrocarbons, Naphthalene and volatile Halogenated hydrocarbons - Purge-and-trap method with thermal desorption.	Voluntary
106.	TZS 979: 2020/ISO 11262:2011	Soil quality - Determination of Total Cyanide.	Voluntary
107.	TZS 978:2020/ISO 11074:2015	Soil quality – Vocabulary	Voluntary
108.	TZS 652: 2011/ISO 11464:2006	Soil quality – Pre-treatment of samples for physical-chemical analyses	Voluntary
109.	TZS 836 - 2:2020	Air quality – General considerations – Part 2: Particle size fraction definitions for health-related sampling	Voluntary
110.	TZS 837 - 2:2020	Air quality – Sampling and testing methods – Part 2: Sampling of gaseous pollutants	Voluntary
111.	TZS 985:2020/ISO 3929:2003	Road vehicles – Measurement methods for exhaust gas emissions during inspection or maintenance	Voluntary
112.	TZS 986:2020/ISO 3930:2000(E)	Instruments for measuring vehicle exhaust emissions	Voluntary
113.	TZS 2529:2020	Air Quality - Environmental	Voluntary

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		conditions for process measurements and control system: Airborne contaminants.	
114.	TZS 2534:2020/ISO 12749-4:2015	Nuclear energy, nuclear technologies, and radiological protection -- Vocabulary -- Part 4: Dosimetry for radiation processing.	Voluntary
115.	TZS 2535:2020/ISO 717-1:2013	Acoustics – Rating of sound insulation in buildings and of building elements – Part 1: Airborne sound insulation	Voluntary
116.	TZS 2536:2020/ISO 3746:2010	Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Survey method using an enveloping measurement surface over a reflecting plane	Voluntary
117.	TZS 2537:2020/ISO 21940-11:2016	Mechanical vibration — Rotor balancing — Part 11: Procedures and tolerances for rotors with rigid behaviour.	Voluntary
118.	TZS 2538- 3:2020/ISO 10816-3:2009	Mechanical Vibration - Evaluation of machine vibration by measurements on non-rotating parts - Part 3: Industrial machines with nominal power above 15kW and nominal speeds between 120r/min and 15000 r/min when measured in situ	Voluntary
119.	TZS 2538- 6:2020/ISO 10816-6:1995	Mechanical Vibration- Evaluation of machine vibration by measurements on non-rotating parts - Part 6: Reciprocating machines with power ratings above 100 kw	Voluntary
120.	TZS 2540:2020/ISO 3744:2010	Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure. Engineering method for an essentially free Field over a reflecting plane.	Voluntary
121.	TZS 1354:2020	Textiles – Masai Shuka Specifications.	Voluntary

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122.	TZS 1422:2020	Textiles – Woven, non-woven, Knitted and Lace Household Curtain and Drapery fabrics – Specifications	Voluntary
123.	TZS 1423:2020	Textiles – Upholstery fabric Specification	Voluntary
124.	TZS 1550:2020	Textiles – Woven Handkerchief Performance – Specifications.	Voluntary
125.	TZS 200:2020/ISO 5397:1984	Leather – Determination of nitrogen content and “Hide substance” – Titrimetric method.	Voluntary
126.	TZS 201:2020/ISO 3380:2015	Leather – Physical and Mechanical tests – Determination of shrinkage temperature up to 100°C.	Voluntary
127.	TZS 202:2020/ISO 3378:2002	Leather – Physical and mechanical tests – Determination of resistance to grain cracking and grain crack index.	Voluntary
128.	TZS 203:2020/ISO 2417:2016	Leather – Physical and mechanical tests – Determination of the static absorption of water.	Voluntary
129.	TZS 204:2020	Leather – Determination of Mildew Resistance (including wet – blue chrome).	Voluntary
130.	TZS 298:2020/ISO 5398-1:2018	Leather– Chemical determination of chromic oxide content – Part 1: Quantification by titration.	Voluntary
131.	TZS 2543:2020	Textiles – Polypropylene (PP) Woven Mats – Specifications.	Voluntary
132.	TZS 2519:2020/ISO 758:1976	Liquid chemical products for industrial use – Determination of density at 20 °C	Voluntary
133.	TZS 2520:2020/ISO 759:1981	Volatile organic liquids for industrial use – Determination of dry residue	Voluntary

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		after evaporation on water bath – General method	
134.	TZS 2521:2020/ISO 2211:1973	Liquid chemical products - Measurement of colour in Hazen units (Platinum-cobalt scale)	Voluntary
135.	TZS 2522:2020/ISO 1388-2:1981	Ethanol for industrial use – Methods of test – Part 2: Detection of alkalinity or acidity to phenolphthalein	Voluntary
136.	TZS 2523:2020/ISO 1388-5:1981	Ethanol for industrial use – Methods of test – Part 5: Determination of aldehydes content – Visual colorimetric method	Voluntary
137.	TZS 2524:2020/ISO 1388-6:1981	Ethanol for industrial use – Methods of test – Part 6: Test for miscibility with water	Voluntary
138.	TZS 2525:2020/ISO 1388-7:1981	Ethanol for industrial use – Methods of test – Part 7: Determination of methanol content (methanol contents between 0.01 and 0.20 % (v/v)) - Photometric method	Voluntary
139.	TZS 2526:2020/ISO 1388-8:1981	Ethanol for industrial use – Methods of test – Part 8: Determination of methanol content (methanol contents between 0.10 and 1.5 % (v/v)) -Visual colorimetric method	Voluntary
140.	TZS 2527:2020/ISO 1388-12:1981	Ethanol for industrial use — Methods of test - Part 12: Determination of permanganate time	Voluntary
141.	TZS 2528:2020/ISO 1388-1:1981	Ethanol for Industrial use - Methods of test - Part 1: General	Voluntary
142.	TZS 2277:2018	Standard Specification for Methane Thermophysical Property Tables	Voluntary
143.	TZS 2269 - 5:2018/ISO 6326- 5:1989	Natural gas – Determination of sulfur compounds – Part 5: Lingener combustion method	Voluntary
144.	TZS 2270:2018/ISO	Gas analysis – Determination of the water dew point of	Voluntary

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	6327:1981	natural gas – Cooled surface condensation hygrometers	
145.	TZS 2271 - 3:2018/ISO 6974-3:2018	Natural gas — Determination of composition with defined uncertainty by gas chromatography – Part 3: Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and hydrocarbons up to C8 using two packed columns	Voluntary
146.	TZS 2272:2018/ISO 6976:2016	Natural gas — Calculation of calorific values, density, relative density and Wobbe Index from composition	Voluntary
147.	TZS 2273 - 2:2018/ISO 1010-2:1993	Natural gas — Determination of water by the Karl Fischer method - Part 2: Titration procedure	Voluntary
148.	TZS 2273 - 3:2018/ISO 10101-3:1993	Natural gas — Determination of water by the Karl Fischer method - Part 3: Coulometric procedure	Voluntary
149.	TZS 2274:2018/ISO 10715:1997	Natural Gas – Sampling Guidelines	Voluntary
150.	TZS 2275:2018/ISO 23874:2006	Natural gas – Gas chromatographic requirements for hydrocarbon dewpoint calculation	Voluntary
151.	TZS 2276:2018/ISO 19739:2004	Natural gas - Determination of sulfur compounds using gas chromatography	Voluntary
152.	TZS 2469:2020/ISO 5510:1984	Animal feeding stuffs - Determination of available lysine	Voluntary
153.	TZS 2470:2020/ISO 17180:2013	Animal feeding stuffs - Determination of lysine, methionine and threonine in commercial amino acid products and premixtures	Voluntary
154.	TZS 2471:2020/ISO 6866:1985	Animal feeding stuffs - Determination of free and total gossypol	Voluntary
155.	TZS 2472:2020/ISO 13906:2008	Animal feeding stuffs – Determination of acid detergent fibre (ADF) and	Voluntary

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		acid detergent lignin (ADL) Contents	
156.	TZS 2473:2020/ISO 5984:2002	Animal feeding stuffs - Determination of crude ash	Voluntary
157.	TZS 2474:2020/ISO 7485:2000	Animal feeding stuffs - Determination of Potassium and Sodium contents - Methods using flame - emission spectrometry	Voluntary
158.	TZS 2475 - 1:2020/ISO 6490- 1:1985	Animal feeding stuffs - Determination of calcium content - Part 1: Titrimetric method	Voluntary
159.	TZS 2476:2020/ISO 6492:1999	Animal feeding stuffs - Determination of fat content	Voluntary
160.	TZS 2477:2020/ISO 6495-1:2015	Animal feeding stuffs - Determination of water- soluble chlorides content – Part 1: Titrimetric method	Voluntary
161.	TZS 2478:2020/ISO 6496:1999	Animal feeding stuffs - Determination of moisture and other volatile matter content	Voluntary
162.	TZS 2479:2020/ISO 6651:2001	Animal feeding stuffs - Semi-quantitative determination of aflatoxin B1 - Thin layer chromatographic methods	Voluntary
163.	TZS 2480:2020/ISO 5983-1:2005	Animal feeding stuffs - Determination of nitrogen content and calculation of crude protein content - Part 1: Kjeldahl method.	Voluntary
164.	TZS 2481:2020/ISO 5983-2:2009	Animal feeding stuffs - Determination of nitrogen content and calculation of crude protein content - Part 2: Block digestion and steam distillation method.	Voluntary
165.	TZS 2482:2020/ISO 9831:1998	Animal feeding stuffs, animal products, and faeces or urine - Determination of gross calorific value - Bomb calorimeter method	Voluntary
166.	TZS 2483:2020/ISO	Animal feeding stuffs, cereals and milled cereal	Voluntary

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	12099:2017	products – Guideline for the application of near infrared spectrometry.	
167.	TZS 2484:2020/ISO 13904:2016	Animal feeding stuffs - Determination of tryptophan content	Voluntary
168.	TZS 2485:2020/ISO 17375:2006	Animal feeding stuffs - Determination of aflatoxin B1	Voluntary
169.	TZS 2486:2020/ISO 27085:2009	Animal feeding stuffs - Determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum, arsenic, lead and cadmium by ICP-AES	Voluntary
170.	TZS 2487:2020/ISO 6869:2000	Animal feeding stuffs - Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc - Method using atomic absorption spectrometry	Voluntary
171.	TZS 2488:2020/ISO 6497:2002	Animal feeding stuffs – Sampling	Voluntary
172.	TZS 2489:2020/ISO 6867:2000	Animal feeding stuffs – Determination of vitamin E content – Method using high-performance liquid chromatography	Voluntary

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4, june ,2020

INNOCENT L. BASHUNGA
Minister for Industry and Trade