



THE UNITED REPUBLIC OF TANZANIA  
MINISTRY OF INDUSTRY AND TRADE

TANZANIA BUREAU OF STANDARDS (TBS)



ISO 9001:2015 Certified

Member of the International Standardization (ISO), Codex Alimentarius Commission (WHO/FAO), Agent for ISO and other National Standards Bodies

In reply please quote:

Ref. No.: TBS/MEDC/A-3/31

Date: 2022 – 04 – 26

All Interested Stakeholders

All relevant Ministries/ Institutions/Organizations/Companies

All members of Board of Directors

Dear Sir/Madam,

**RE: DRAFT TANZANIA STANDARDS FOR PUBLIC REVIEW.**

Kindly refer to the above subject matter.

2. Tanzania Bureau of Standards (TBS) is in the process of developing the following standards on different products as indicated below;

- a. **MEDC 9 (1356) DTZS/ ISO 11439:2013** Gas cylinders — High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles
- b. **MEDC 9 (1357) DTZS/ ISO 15500-1:2015** Road vehicles - Compressed natural gas (CNG) fuel system components — Part 1: General requirements and definitions (**Rev. TZS 1187-1:2000**)
- c. **MEDC 9 (1358) DTZS/ ISO 15500-2:2016** Road vehicles - Compressed natural gas (CNG) fuel system components -Part 2: Performance and general test methods-(**Rev. TZS 1187-2:2000**)
- d. **MEDC 9 (1359) DTZS/ ISO 15500-3:2020** Road vehicles - Compressed natural gas (CNG) fuel system components - Part 3: Check valve(**Rev. TZS 1187-3:2000**)
- e. **MEDC 9 (1360) DTZS/ ISO 15500-4:2020** Road vehicles - Compressed natural gas (CNG) fuel system components - Part 4: Manual valve(**Rev. TZS 1187-4:2000**)
- f. **MEDC 9 (1361) DTZS/ ISO 15500-5:2020** Road vehicles - Compressed natural gas (CNG) fuel system components - Part 5: Manual cylinder valve(**Rev. TZS 1187-5:2000**)
- g. **MEDC 9 (1362) DTZS/ ISO 15500-6:2020** Road vehicles - Compressed natural gas (CNG) fuel system components - Part 6: Automatic valve (**Rev. TZS 1187-6:2000**)
- h. **MEDC 9 (1363) DTZS/ ISO 15500-7:2015** Road vehicles -Compressed natural gas (CNG) fuel system components -Part 7:Gas injector(**Rev. TZS 1187-7:2000**)
- i. **MEDC 9 (1364) DTZS/ ISO 15500-8:2015** Road vehicles - Compressed natural gas (CNG) fuel system components - Part 8: Pressure indicator(**Rev. TZS 1187-8:2000**)
- j. **MEDC 9 (1365) DTZS/ ISO 15500-9:2020** Road vehicles - Compressed natural gas (CNG) fuel system components - Part 9: Pressure regulator(**Rev. TZS 1187-9:2000**)

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- k. **MEDC 9 (1366) DTZS/ ISO 15500-10:2015** Road vehicles -Compressed natural gas (CNG) fuel system components - Part 10: Gas-flow adjuster(**Rev. TZS 1187-10:2000**)
- l. **MEDC 9 (1367) DTZS/ ISO 15500-11:2015** Road vehicles -Compressed natural gas (CNG) fuel system components - Part 11: Gas/air mixer(**Rev. TZS 1187-11:2000**)
- m. **MEDC 9 (1368) DTZS/ ISO 15500-12:2015** Road vehicles - Compressed natural gas (CNG) fuel system components - Part 12: Pressure relief valve (PRV)(**Rev. TZS 1187-12:2000**)
- n. **MEDC 9 (1369) DTZS/ ISO 15500-13:2012** Road vehicles - Compressed natural gas (CNG) fuel system components -Part 13:Pressure relief device (PRD) (**Rev. TZS 1187-13:2000**)
- o. **MEDC 9 (1370) DTZS/ ISO 15500-14:2020** Road vehicles -Compressed natural gas (CNG) fuel system components - Part 14: Excess flow valve (**Rev. TZS 1187-14:2000**)
- p. **MEDC 9 (1371) DTZS/ ISO 15500-15:2015** Road vehicles -Compressed natural gas (CNG) fuel system components - Part 15: Gas-tight housing and ventilation hose (**Rev. TZS 1187-51:2000**)
- q. **MEDC 9 (1372) DTZS/ ISO 15500-16:2020** Road vehicles -Compressed natural gas (CNG) fuel system components -Part 16: Rigid fuel line in stainless steel (**Rev. TZS 1187-16:2000**)
- r. **MEDC 9 (1373) DTZS/ ISO 15500-17:2021** Road vehicles -Compressed natural gas (CNG) fuel system components -Part 17: Flexible fuel line (**Rev. TZS 1187-17:2000**)
- s. **MEDC 9 (1374) DTZS/ ISO 15500-18:2020** Road vehicles - Compressed natural gas (CNG) fuel system components -Part 18: Filter (**Rev. TZS 1187-18:2000**)
- t. **MEDC 9 (1375) DTZS/ ISO 15500-19:2020** Road vehicles - Compressed natural gas (CNG) fuel system components -Part 19: Fittings (**Rev. TZS 1187-19:2000**)
- u. **MEDC 4 (1128) DTZS/ ISO 21138-1:2020** - Structured-wall piping systems of Unplasticized PVC-U, PE and PP.
- v. **MEDC 4 (1129) DTZS/ ISO 21138-2:2020** - Structured-wall piping systems - Pipes and fittings with smooth external surface, Type A
- w. **MEDC 4 (1130) DTZS/ ISO 21138-3:2020** - Structured-wall piping systems - Pipes and fittings with smooth external surface, Type B
- x. **MEDC 4 (1131) DTZS/ ISO 161-1:2018** - Thermoplastics pipes for the conveyance of fluids - Nominal outside diameters and nominal pressures - Part 1: Metric series (**Rev: TZS 0372-1:2006**)
- y. **MEDC 4 (1134) DTZS/ ISO 21307:2017** - Plastics pipes and fittings - Butt fusion jointing procedures for polyethylene (PE) piping systems.
- z. **MEDC 4 (1135) DTZS/ ISO 16486-1:2020** - Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 1: General.
- aa. **MEDC 4 (1136) DTZS/ ISO 16486-2:2020** - Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 2: Pipes.
- bb. **MEDC 4 (1137) DTZS/ 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.
- cc. **MEDC 4 (1138) DTZS/ ISO 16486-5:2020** - 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.
- dd. **MEDC 4 (1139) DTZS/ ISO 17885:2021** - Plastics piping systems - Mechanical fittings for pressure piping systems - Specifications.

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- ee. **MEDC 12 (1125) DTZS/ ISO/TS 21364-22:2021** - Domestic gas cooking appliances - Safety - Part 22: Particular requirements for ovens and compartment grills.
- ff. **MEDC 12 (1124) DTZS/ ISO/TS 21364-21:2021** - Domestic gas cooking appliances - Safety - Part 21: Particular requirements for gas hobs, gas grills and gas griddles.
- gg. **MEDC 12 (1123) DTZS/ ISO/TS 21364-1:2021** - Domestic gas cooking appliances - Safety - Part 1: General requirements
- hh. **MEDC 12 (1323) DTZS** Solid biofuel — Sustainable charcoal and carbonized briquettes for household and commercial use — Specification.
- ii. **MEDC 2 (1027) DTZS/ ISO 10721-1:1997** Steel structures - Part 1: Materials and design
- jj. **MEDC 2 (1028) DTZS/ ISO 10721-2:1999** Steel structures - Part 2: Fabrication and erection
- kk. **MEDC 2 (1026) DTZS** Steel wire for Staples, Pins, and Clips — Specifications
- ll. **MEDC 2 (1035) DTZS** Welded steel wire fabric for general use — Specification
- mm. **MEDC 2 (1025) DTZS** Carbon steel cast billet ingots, billets, blooms and slabs for re-rolling into steel for general structural purposes — Specification [**Rev. TZS 254:1985**]
- nn. **MEDC 2 (1017) DTZS** Scissors for general purposes — Specification
- oo. **MEDC 2 (1036) DTZS** Steel framing components for gypsum board systems — Specification
- pp. **MEDC 11 (1342) DTZS/ ISO 23551-2:2018** - Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 2: Pressure regulators
- qq. **MEDC 11 (1343) DTZS/ 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.
- rr. **MEDC 11 (1344) DTZS/ ISO 23551-5:2014** - Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 5: Manual gas valves
- ss. **MEDC 11 (1345) DTZS/ ISO 23551-6:2021** Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 6: Thermoelectric flame supervision controls.
- tt. **MEDC 11 (1346) DTZS/ ISO 23551-8:2016** Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 8: Multifunctional controls.
- uu. **MEDC 11 (1347) DTZS/ ISO 23551-9:2022** Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 9: Mechanical gas thermostats.
- vv. **MEDC 11 (1348) DTZS/ ISO 23551-10:2016** Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 10: Vent valves.

3. According to procedures for developing of Tanzania Standard(s), the draft standards are hereby circulated for stakeholders' comments.
4. TBS is kindly requesting you to go through the draft standards and send your comments regarding its technical contents. Suggestion which entails revision of text should indicate the preferred wording and the relevant clause should be quoted against each comment. In case you find it suitable and no comments, please notify accordingly.

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5. Your comments can be submitted in electronic form or hard copy as per attached form.
6. The deadline for submission of comments is on **25<sup>th</sup> June, 2022** and we will appreciate receiving your comments within the given timeframe.
7. Thanking you in advance for your kind and continued cooperation.
8. Yours Sincerely.



Bruno A. Laswai

**For: DIRECTOR GENERAL**

*Attach.*



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