



DRAFT TANZANIA STANDARD

Geotechnical investigation and testing — Geohydraulic testing — Part 2: Water permeability tests in a borehole using open systems

TANZANIA BUREAU OF STANDARDS

BCDC 13 (1327) DTZS/ISO 22282-2:2012

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Tanzania Bureau of Standards (TBS) is the statutory national standards body for Tanzania established under the Standards Act No. 3 of 1975, repealed and replaced by the Standards Act No. 2 of 2009.

The Building and Construction Divisional Standards Committee (BCDC), under whose supervision this Tanzania Standard was prepared, consists of representatives from the following organizations:

- *College of Engineering and Technology, University of Dar es Salaam
- Tanzania Commission for Science and Technology (COSTECH)
- Ministry of Works and Transport (MoWT)
- National Housing Corporation (NHC)
- Contractors Registration Board (CRB)
- Ardhi University (ARU)
- Jeshi la Kujenga Taifa (JKT)
- *National Estates and Designing Consultancy Company Ltd (NEDCO)
- Architects and Quantity Surveyors Registration Board (AQRB)
- Institution of Engineers Tanzania (IET)
- *National Construction Council (NCC)
- Engineers Registration Board (ERB)

The organizations marked with an asterisk (*) in the above list, together with the following were directly represented on the Technical Committee entrusted with the preparation of this draft Tanzania Standard:

- Dar es salaam Institute of Technology (DIT)
- TANROADS-Central Materials Laboratory (CML)
- Small Industries Development Organization (SIDO)
- Zanzibar Bureau of Standards (ZBS)

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0 National Foreword

The Tanzania Bureau of Standards is the statutory national standards body for Tanzania, established under standards Act No. 3 of 1975, amended by Act No. 2 of 2009.

This draft Tanzania Standard is being prepared by BCDC 13 Foundation and Soils for civil engineering purposes technical committee under the supervision of the Building and Construction Divisional Committee (BCDC).

This draft Tanzania Standard is an identical adoption of the 1st Edition of International Standard ISO 22282-2:2012 *Geotechnical investigation and testing — Geohydraulic testing — Part 2: Water permeability tests in a borehole using open systems*.

Terminologies and conventions

The text of the International Standard is hereby recommended for approval without deviation for publication as Tanzania standard. A list of Tanzania Standards equivalent to the ISO standards provided as normative references is given in Annex C. Annex D describes the changes made from the adopted ISO Standard.

Some terminologies and certain conventions are not identical with those used as Tanzania Standard; attention is drawn to the following:

The comma (,) has been used as decimal marker (.) for metric dimensions. In Tanzania Standards, its current practice to use a full point on the baseline as decimal marker.

Whenever the words “International Standard” appear, referring to this draft standard, they should be interpreted as “Tanzania Standard”.

Annex C
(normative)

A list of Tanzania Standards equivalent to the ISO standards provided as normative references are given in Table C.1. In the use of this standard, the ISO standards listed in the table are replaced with the equivalent Tanzania standards.

TABLE C.1 — List of Tanzania Standards with their equivalent ISO standards

SN	ISO Standard	Tanzania Standard
1	ISO 14688-1	TZS 2500-1
2	ISO 14689	TZS 2501
3	ISO 22282-1	BCDC 13 (1326)

Annex D
(normative)

For the purposes of this Tanzania Standard, the following changes have been made from the adopted standard:

TABLE D.1 — Normative changes made on this standard from the adopted ISO standard

Clause/Subclause	Modifications	Explanation
Annex B Clause B.2	Include the definition for the symbol “S” used in equation B.2 as; “is the known actual internal cross-section of the liaison tube in which the measurement is carried out”	To provide for more clarity