



DRAFT TANZANIA STANDARD

Durability - Service life design of concrete structures

TANZANIA BUREAU OF STANDARDS

0.National foreword

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

This finalized Tanzania standard is being prepared by the Aggregates, Sand and Concrete Technical Committee, under the supervision of the Building and Construction Divisional Standards Committee (BCDC)

This Draft Tanzania Standard is identical adoption of **ISO 16204:2012 Durability - Service life design of concrete structures** published by the International Organization for Standardization (ISO).

Terminologies and conventions

The text of the International standard is hereby being recommended for adoption without deviation for publication as draft Tanzania standard.

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

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

Wherever the words "International Standard" appear, referring to this standard, they should read as "Tanzania Standard".

1 Scope

This Draft Tanzania Standard specifies principles and recommends procedures for the verification of the durability of concrete structures subject to:

- Known or foreseeable environmental actions causing material deterioration ultimately leading to failure of performance;
- Material deterioration without aggressiveness from the external environment of the structure, termed self ageing.

NOTE The inclusion of, for example, chlorides in the concrete mix might cause deterioration over time without the ingress of additional chlorides from the environment.

NOTE:- In case you are interested to check the entire documents please Contact TBS Library Office.