

DTZS/ EMDC 1 (3410)

/ ISO 11733,



DRAFT TANZANIA STANDARDS

Water quality — Determination of the elimination and biodegradability of organic compounds in an aqueous medium — Activated sludge simulation test.

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 draft Tanzania standard is being prepared by noise and vibrations Technical Committee, under the supervision of the Environmental Management Divisional Standards Committee (EMDC).

This draft Tanzania Standard is identical to, ***ISO 11733, Water quality — Determination of the elimination and biodegradability of organic compounds in an aqueous medium — Activated sludge simulation test***, published by the International Organization for Standardization (ISO).

1. Terminology and conventions

The text of the International Standard is hereby being recommended for approval without deviation for publication as draft Tanzania standard. Some terminology and certain conversion are not identical with those used in Tanzania Standards; attention is drawn to the following:

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

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

2. Scope

ISO 11733:2004 specifies a method for the determination of the elimination and the biodegradability of organic compounds by aerobic micro-organisms. The conditions described simulate a wastewater treatment plant. Two test systems can be used: activated sludge plants or porous pots. The tests can optionally be performed under conditions of nitrification and denitrification and coupling of the units.