



DRAFT TANZANIA STANDARD

Petroleum measurement systems — Metering of viscous and high temperature liquids

TANZANIA BUREAU OF STANDARDS

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 adopted by Petroleum and petroleum products Technical Committee under the supervision of the Chemicals Divisional Standards Committee.

This draft Tanzania Standard is the identical adoption of ISO 9200:2020 Petroleum measurement systems — Metering of viscous and high temperature liquids

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

Terminology and conventions

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

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

Where the words “International Standard(s)” appear, referring to this standard they should read “Tanzania Standard”.

Scope

This document gives guidance for measuring a quantity of primarily viscous hydrocarbon liquid using flowmeters at ambient or elevated operating temperatures. This document describes the effects of high viscosities and potentially high temperatures, which can induce additional errors in measurement. It also gives guidance on how to overcome or mitigate difficulties