DRAFT TANZANIA STANDARD

Natural gas- Determination of composition with defined uncertainty by gas chromatography- Part 3: Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and hydrocarbons up to C8 using two packed columns

TANZANIA BUREAU OF STANDARDS

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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 the Gases Technical Committee under the supervision of the Chemicals Divisional Standards Committee

This draft Tanzania Standard is the identical adoption of ISO 6974-3 :2018(E)- Natural gas- Determination of composition with defined uncertainty by gas chromatography- Part 3: Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and hydrocarbons up to C8 using two packed columns

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

Terminologies and conventions

Some terminologies and certain conventions in the ISO standards are not identical with those used in Tanzania Standards and attention is drawn especially to the following:

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

Wherever the words “International Standard” appear in this Tanzania Standard, they should be interpreted as “Tanzania Standard”.

Scope

This document describes the precision that can be expected from the gas chromatographic method that is set up in accordance with ISO 6974-1. The stated precision provides values for the magnitude of variability that can be expected between test results when the method described in ISO 6974-1 is applied in one or more competent laboratories. This document also gives guidance on the assessment of bias.