DRAFT TANZANIA STANDARD

Natural gas - Designation of the quality of natural gas as a compressed fuel for vehicles

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

This draft Tanzania Standard is the identical adoption of ISO 15403-1;2006 Natural gas - Designation of the quality of natural gas as a compressed fuel for vehicles

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

The aim of this part of ISO 15403 is to provide manufacturers, vehicle operators, fuelling station operators and others involved in the compressed-natural-gas vehicle industry with information on the fuel quality for natural gas vehicles (NGVs) required to develop and operate compressed-natural-gas vehicle equipment successfully.
Fuel meeting the requirements of this part of ISO 15403 should:-

a) provide for the safe operation of the vehicle and associated equipment needed for its fuelling and maintenance;

b) protect the fuel system from the detrimental effects of corrosion, poisoning, and liquid or solid deposition;

c) provide satisfactory vehicle performance under any and all conditions of climate and driving demands.
Some aspects of this part of ISO 15403 may also be applicable for the use of natural gas in stationary combustion engines.