

DRAFT TANZANIA STANDARD

TBS/MMDC2 (6105) P3 / ISO19426 - 4:2018 Structures for mine shafts Part 4: Conveyances

TANZANIA BUREAU OF STANDARDS

National foreword

This draft Tanzania Standard is being prepared by the Mine planning, Operations and Services Technical Committee (MMDC 2), under the supervision of the Mining and Minerals Standards Divisional Committee (MMDC).

This draft Tanzania Standard is the identical adoption of ISO 19426-4:2018 Structures for mine shafts — Part 4 Conveyances which was prepared by ISO/TC 82, Mining.

The ISO standard title on the cover page has been written in bilingual, for the purpose of this Tanzania standard only English text of the title should be used.

Some terminology and certain conventions are not identical with those used in Tanzania standards; 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 “full point” on the baseline as the decimal marker.
- Wherever the words ‘International Standard’ appears in the text, referring to this draft standard, they should read as ‘Tanzania Standard’.

Scope

This document specifies the loads, the load combinations and the design procedures for the design of the steel and aluminium alloy structural members of conveyances used for the transport of personnel, materials, equipment and rock in vertical and decline shafts. The conveyances covered by this document include personnel or material cages (or both), skips, kibbles, equipping skeleton cages, inspection cages, bridles, crossheads and counterweights.

This document is not intended to be used for the design of ropes, sheaves or attachments. Rope sizes are determined in accordance with other standards.

This document does not cover chairlifts.

This document does not cover matters of operational safety or layout of conveyances.

This document adopts a limit states design philosophy.