

**DRAFT TANZANIA STANDARD**

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**TBS/MMDC2 (6106) P3 / ISO19426 - 5:2018 Structures for mine shafts Part 5: Shaft system structures**

**TANZANIA BUREAU OF STANDARDS**

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## 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 19426-5:2018 Structures for mine shafts — Part 5 Shaft system structures 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 shaft system structures in both vertical and decline shafts. The shaft system structures covered by this document include buntons, guides and rails, station structures, rock loading structures, brattice walls, conveyance and vehicle arresting structures and dropsets, services supports, rope guide anchor supports and box fronts.

Rock support is excluded from the scope of this document.

This document does not cover matters of operational safety, or layout of the shaft system structures

This document adopts a limit states design philosophy.