TBS/MMDC 6 (6467) P3/ ISO 10251:2006 Copper, lead, zinc and nickel concentrates — Determination of mass loss of bulk material on drying
National foreword

This draft Tanzania standard is being prepared by the Ores and Concentrates Technical Committee (MMDC 6), under the supervision of the Mining and Minerals Standards Divisional Committee (MMDC).

This draft Tanzania Standard is the identical adoption of ISO 10251:2006 Copper, lead, zinc and nickel concentrates — Determination of mass loss of bulk material on drying which was prepared by ISO/TC 183, Copper, lead, zinc and nickel ores and concentrates.

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 terminologies 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 draft Tanzania standard specifies methods for the determination of moisture content of a lot of copper, lead, zinc or nickel concentrate, defined as the percentage mass loss of the moisture test portion under the conditions of drying specified in this document. In order to obtain an unbiased estimate of the metal content of the lot, it is important that the same drying conditions are used for the determination of bulk and hygroscopic moisture or for preparing a predried test portion.

This draft Tanzania standard is not applicable to drying samples used for determination of volatile elements such as mercury and sulfur. Such samples are allowed to dry at ambient temperature, and a hygroscopic moisture determination is carried out according to ISO 9599 at the time of chemical analysis.