



DRAFT TANZANIA STANDARD

(Draft for comments only)

Live working - Hand tools for use up to 1 000 V AC and 1 500 V DC

TANZANIA BUREAU OF STANDARDS



1 National Foreword

This draft Tanzania Standard has been prepared by the TBS Electrical Equipment Technical Committee, under the supervision of the Electrotechnical Divisional Standards Committee (EDC)

This draft Tanzania Standard is identical to the International Standard IEC 60900:2018 Live working - Hand tools for use up to 1 000 V AC and 1 500 V DC, which has been prepared by the International Electrotechnical Commission.

2 Terminology and conventions

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

- 1) 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.
- 2) Where the words “International Standard(s)” appear, referring to this standard they should read “Tanzania Standard(s)”



LIVE WORKING – HAND TOOLS FOR USE UP

TO 1 000 V AC AND 1 500 V DC

1 Scope

This document is applicable to insulated, insulating and hybrid hand tools used for working live or close to live parts at nominal voltages up to 1 000 V AC and 1 500 V DC.

The products designed and manufactured according to this document contribute to the safety of the users provided they are used by skilled persons, in accordance with safe methods of work and the instructions for use (where appropriate).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60060-1, High-voltage test techniques – Part 1: General definitions and test requirements

IEC 60212, Standard conditions for use prior to and during the testing of solid electrical insulating materials

IEC 60417, Graphical symbols for use on equipment (available at: <http://www.graphicalsymbols.info/equipment>)

IEC 61318, Live working – Conformity assessment applicable to tools, devices and equipment

IEC 61477, Live working – Minimum requirements for the utilization of tools, devices and equipment

ISO 1174-1, Assembly tools for screw and nuts – Driving squares – Part 1: Driving squares for hand socket tools

ISO 9654, Pliers and nippers for electronics – Single-purpose nippers – Cutting nippers

ISO 9655, Pliers and nippers for electronics – Single-purpose pliers – Pliers for gripping and manipulating



ISO 9656, Pliers and nippers for electronics – Test methods

ISO 9657, Pliers and nippers for electronics – General technical requirements

DRAFT FOR COMMENTS