

PRE-RELEASE VERSION (FDIS)



Live working – Footwear for electrical protection – Part 1: Insulating footwear and overboots

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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Live working – Footwear for electrical protection – Part 1: Insulating footwear and overboots

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NOTE FROM TC/SC OFFICERS:

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LIVE WORKING – FOOTWEAR FOR ELECTRICAL PROTECTION –

Part 1: Insulating footwear and overboots

FOREWORD

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International Standard IEC 63247 has been prepared by IEC technical committee 78: Live working.

This text of this International Standard is based on EN 50321-1:2018.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
78/XX/FDIS	78/XX/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

Terms defined in Clause 3 are given in *italic* print throughout this document.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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LIVE WORKING – FOOTWEAR FOR ELECTRICAL PROTECTION –

Part 1: Insulating footwear and overboots

1 Scope

This Part 1 of IEC 63247 specifies the requirements and testing for PPE footwear used as *electrical insulating footwear* and *overboots* that provide protection of the worker against electric shock and used for working live or close to live parts on installations up to 36 000 V AC or 25 500 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.

Antistatic, electrical insulating outsole and conductive *footwear* are not covered by this document.

NOTE Other parts dealing with *electrical insulating outsole footwear* and *conductive footwear for live working* are in development.

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 60060-1:2010, *High-voltage test techniques – Part 1: General definitions and test requirements*

IEC 60212:2010, *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.graphical-symbols.info/equipment>)

IEC 61318:2007, *Live working – Conformity assessment applicable to tools, devices and equipment*

ISO 20345:2011, *Personal protective equipment – Safety footwear*

ISO 20346:2014, *Personal protective equipment – Protective footwear*

ISO 20347:2012, *Personal protective equipment – Occupational footwear*

EN ISO 22568-3, *Foot and leg protectors – Requirements and test methods for footwear components – Part 3: Metallic perforation resistant inserts*