

TECHNICAL REPORT

Live working – Guidelines for the installation of transmission and distribution line conductors and earth wires – Stringing equipment and accessory items





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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LIVE WORKING – GUIDELINES FOR THE INSTALLATION OF TRANSMISSION AND DISTRIBUTION LINE CONDUCTORS AND EARTH WIRES – STRINGING EQUIPMENT AND ACCESSORY ITEMS

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IEC TR 61328 has been prepared by IEC technical committee 78: Live working. It is a Technical Report.

This fourth edition cancels and replaces the third edition published in 2017. It incorporates some technical changes to update equipment work methods and procedures, bringing them in line with the state of the art. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Keeping the content of the previous edition but without mandatory terms as required by IEC ISO Directives 2 for a Technical Report.

The text of this Technical Report is based on the following documents:

Draft	Report on voting
78/1455/DTR	78/1475/RVDTR

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Technical Report is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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INTRODUCTION

This document discusses general tensions, *stringing* methods of transmission and distribution line *conductors*. Special attention is given to the equipment involved, such as *tensioners*, *pullers*, grips, *blocks* and rollers. Due to the hazards involved in *stringing* near *energized* lines, the general concepts of electric and magnetic induction are presented along with safe application methods of earthing equipment.

The overall intent of this document is to provide state of the art methods in an informative manner, recognizing that there are several procedural variations within the industry. There are also multiple standards and regulatory jurisdictions which prescribe methods and requirements beyond the scope of this document.