

TECHNICAL REPORT



Live working – Guidelines for the installation and maintenance of optical fibre cables on overhead power lines





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Live working – Guidelines for the installation and maintenance of optical fibre cables on overhead power lines

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LIVE WORKING – GUIDELINES FOR THE INSTALLATION AND MAINTENANCE OF OPTICAL FIBRE CABLES ON OVERHEAD POWER LINES

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IEC TR 62263 has been prepared by IEC technical committee 78: Live working. It is a Technical Report.

This second edition cancels and replaces the first edition published in 2005. This edition constitutes a technical revision.

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

- a) it incorporates some technical changes to update equipment work methods and procedures, bringing them in line with the state of the art;
- b) the content of the previous edition is kept 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
78/1468/DTR	78/1481/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.

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INTRODUCTION

This document discusses general procedures for the installation and maintenance of optical fibre *cables* on single and multi-circuit overhead power lines. Due to the hazards involved in *stringing* near *energized* lines, the general concepts of electric and magnetic induction are presented.

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 specify methods and requirements beyond the scope of this document.