

Live working — Care, maintenance and in-service testing of aerial devices with insulating booms

ICS 29.260

National foreword

This British Standard reproduces verbatim IEC TS 61813:2000 and implements it as the UK national standard.

The UK participation in its preparation was entrusted to Technical Committee PEL/78, Tools for live working, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
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Précautions à prendre, entretien et essais en service
des équipements élévateurs à bras isolants**

**Live working –
Care, maintenance and in-service testing of
aerial devices with insulating booms**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**LIVE WORKING –
CARE, MAINTENANCE AND IN-SERVICE TESTING OF
AERIAL DEVICES WITH INSULATING BOOMS**

FOREWORD

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- the subject is still under technical development or where, for any other reason, there is the future but no immediate possibility of an agreement on an International Standard.

IEC 61813, which is a technical specification, has been prepared by IEC technical committee 78: Live working.

The text of this technical specification is based on the following documents:

Enquiry draft	Report on voting
78/292/CDV	78/319/RVC

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

Annex A is for information only.

The committee has decided that the contents of this publication will remain unchanged until 2004-12. At this date, the publication will be

- transformed into an Internationale Standard;
- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

LIVE WORKING – CARE, MAINTENANCE AND IN-SERVICE TESTING OF AERIAL DEVICES WITH INSULATING BOOMS

1 Scope

This technical specification provides an informative guide on care, maintenance and in-service testing requirements of aerial devices with insulating booms used for live working.

This specification is not a replacement for manufacturers' recommendations but rather a supplement containing critical generic requirements. In all cases, the manufacturers' specification and reasonable recommendations regarding use, care, maintenance, repairs and adjustments shall be adhered to.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this technical specification. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this technical specification are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

IEC 60050-651:1999, *International Electrotechnical Vocabulary – Part 651: Live working*

IEC 60060-1:1989, *High-voltage test techniques – Part 1: General definitions and test requirements*

IEC 61057:1991, *Aerial devices with insulating boom used for live working*

3 Definitions

For the purposes of this technical specification, the definitions given in IEC 60050-651, specific to live working tools and equipment, and in IEC 61057, specific to aerial devices with insulating booms for live working, as well as the following, apply.

3.1

competency

ability to undertake responsibilities and perform activities with regard to specified standards

3.2

formally trained and qualified person

competent person possessing the appropriate practical and theoretical knowledge and having adequate skill and experience to enable them to perform the required duty, interpret the resultant information and, from that information, determine that the equipment or plant is safe for use, and report the importance of any defect found or suspected in relation to the safety and continued use of the equipment or plant