

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Live working – Insulating foam-filled tubes and solid rods –
Part 1: Tubes and rods of a circular cross-section**

**Travaux sous tension – Tubes isolants remplis de mousse et tiges isolantes
pleines –
Partie 1: Tubes et tiges de section circulaire**



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CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	7
2 Normative references.....	7
3 Terms and definitions	7
4 Requirements	8
4.1 Materials and design	8
4.2 Electrical requirements.....	8
4.3 Mechanical requirements.....	8
4.4 Diameters of foam-filled tubes and solid rods.....	8
4.5 Marking.....	9
4.6 Packaging.....	9
5 Tests.....	9
5.1 General.....	9
5.2 Type test conditions	9
5.2.1 General	9
5.2.2 Groups and test pieces	10
5.3 Visual and dimensional checks	10
5.3.1 General	10
5.3.2 Visual check	10
5.3.3 Dimensional check.....	11
5.4 Electrical tests	11
5.4.1 General	11
5.4.2 Dielectric test before and after exposure to humidity	11
5.4.3 Wet test.....	20
5.5 Mechanical tests	22
5.5.1 Bending test	22
5.5.2 Torsion test.....	24
5.5.3 Crushing test on insulating foam-filled tube.....	26
5.5.4 Electrical test after mechanical ageing.....	27
5.5.5 Dye penetration test.....	28
5.5.6 Durability of marking	28
6 Conformity assessment of foam-filled tubes and solid rods having completed the production phase	28
7 Modifications	29
Annex A (normative) Plan of carrying out of the type tests	30
Annex B (normative) Classification of defects and associated requirements and tests	31
Bibliography	32
Figure 1 – Typical dielectric test arrangement.....	12
Figure 2 – Assembly set-up of the test piece to the guard electrodes	13
Figure 3 – Constructional drawings for guard electrodes and parts.....	15
Figure 4 – Drawings for guard electrode parts according to test piece diameters	17
Figure 5 – Alternative dielectric test under dry condition – Example of a typical test arrangement.....	19

Figure 6 – Wet test	21
Figure 7 – Bending test.....	23
Figure 8 – Torsion test – Examples for fixing foam-filled tube and solid rod	25
Figure 9 – Crushing test.....	27
Table 1 – Specified diameters	8
Table 2 – Maximum current I_1 before exposure to humidity.....	18
Table 3 – Values of F_d , f and F_r for bending test	24
Table 4 – Values of C_d , a_d and C_r for torsion test	26
Table 5 – Values of F_d and F_r for crushing test	26
Table A.1 – Chronological order of the type tests.....	30
Table B.1 – Classification of defects and associated requirements and tests	31

INTERNATIONAL ELECTROTECHNICAL COMMISSION

LIVE WORKING – INSULATING FOAM-FILLED TUBES AND SOLID RODS –**Part 1: Tubes and rods of a circular cross-section**

FOREWORD

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International Standard IEC 60855-1 has been prepared by technical committee 78: Live working.

This second edition cancels and replaces the first edition published in 2009. This edition constitutes a technical revision.

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

- reintroduction of specific diameters of foam-filled tubes and solid rods of circular cross-section with its tolerances;
- reintroduction of the dielectric tests before and after exposure to humidity, as included in IEC 60855-1:2009;
- specification of an alternative test (after exposure to immersion) in case of foam-filled tubes and solid rods having completed the production phase;
- review of phase angle maximum specified values;

- review of the wet test procedure and the improvement of the associated test arrangement.

The text of this standard is based on the following documents:

FDIS	Report on voting
78/1147/FDIS	78/1156/RVD

Full information on the voting for the approval of this standard 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 2.

A list of all parts in the IEC 60855 series, published under the general title *Live working – Insulating foam-filled tubes and solid rods*, can be found on the IEC website.

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

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

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

INTRODUCTION

This part of IEC 60855 has been prepared in accordance with the requirements of IEC 61477.

The product covered by this part of IEC 60855 may have an impact on the environment during some or all stages of its life cycle. These impacts can range from slight to significant, be short-term or long-term, and occur at the global, regional or local level.

This part of IEC 60855 does not include requirements and test provisions for the manufacturers of the product, or recommendations to the users of the product for environmental improvement. However, all parties intervening in its design, manufacture, packaging, distribution, use, maintenance, repair, reuse, recovery and disposal are invited to take account of environmental considerations.

Technical committee 78 is considering the preparation of IEC 60855-2, which would cover foam-filled tubes and solid rods of cross-section other than circular.