



National Standards Authority of Ireland

IRISH STANDARD

I.S. HD 633 S1:1999

ICS 29.060.20

**TESTS ON OIL-FILLED (FLUID FILLED),
PAPER- OR POLYPROPYLENE PAPER
LAMINATE-INSULATED, METAL-SHEATHED
CABLES AND ACCESSORIES FOR
ALTERNATING VOLTAGES UP TO AND
INCLUDING 400 KV (UM = 420 KV)**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.n Sai.ie>

Sales
<http://www.standards.ie>

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland and comes into
effect on:*

March 26, 1999

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 1999

Price Code AC

Údarás um Chaighdeáin Náisiúnta na hÉireann

HARMONIZATION DOCUMENT
DOCUMENT D'HARMONISATION
HARMONISIERUNGSDOKUMENT

HD 633 S1

December 1997

ICS 29.060.20

Descriptors: Electrical installation, a.c. voltage, insulated cable, electrical insulating paper, accessory, test, oil-filled cable, protective sheath

English version

Tests on oil-filled (fluid filled), paper- or polypropylene paper laminate-insulated, metal-sheathed cables and accessories for alternating voltages up to and including 400 kV ($U_m = 420$ kV)

Essais des câbles à huile fluide isolés au papier imprégné ou au complexe polypropylène contre-couché papier sous gaine métallique et de leurs dispositifs accessoires pour des tensions alternatives inférieures ou égales à 400 kV ($U_m = 420$ kV)

Prüfungen an Ölkabeln mit einer Isolierung aus Papier oder polypropylenbeschichtetem Papier und Metallmantel und Garnituren für Wechselspannungen bis einschließlich 400 kV ($U_m = 420$ kV)

This Harmonization Document was approved by CENELEC on 1997-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in two official versions (English, French).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Page 0-2
HD 633 S1:1997

FOREWORD

This Harmonisation Document was prepared by WG9 of CENELEC Technical Committee TC20, Electric Cables.

The document contains the following Parts:

- Part 1 - General test methods
- Part 2 - Additional test methods
- Part 3 - List of test requirements for specific cable designs

Part 3 is further divided into particular sections and, by decision of the Technical Board (D68/047) National Committees need at present only implement in their national language those sections having national applicability. The obligation remains however to announce the full HD in public by titles and numbers, and also to withdraw any conflicting national standards.

Page numbering reflects the arrangement into Parts and particular sections, e.g. Page 3-B-5 is page 5 of particular section B of Part 3.

References to other HDs, ENs and international standards are given in the particular parts or sections.

The draft was submitted to the formal vote and was approved by CENELEC as HD 633 S1 on 1997-10-01. By decision of the Technical Board (D81/139) this HD exists only in English and French.

The following dates were fixed:

- latest date by which the existence of the HD has to be announced at national level (doa) 1998-03-01
- latest date by which the HD has to be implemented at national level by publication of a harmonised national standard or by endorsement (dop) 1998-09-01
- latest date by which the national standards conflicting with the HD have to be withdrawn (dow) 1998-09-01

CONTENTS

- PART 1 General test methods
- PART 2 Additional test methods
- PART 3 List of test requirements for specific cable designs
 - 3-A List of test requirements for cable design type 3A
 - 3-B List of test requirements for cable design type 3B
 - 3-C List of test requirements for cable design type 3C
 - 3-D List of test requirements for cable design type 3D
 - 3-E List of test requirements for cable design type 3E
 - 3-F List of test requirements for cable design type 3F
 - 3-G List of test requirements for cable design type 3G

Page 0-4
HD 633 S1:1997

'BLANK PAGE'

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-