



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61854:1999

ICS 29.240.20

**OVERHEAD LINES - REQUIREMENTS AND
TESTS FOR SPACERS (IEC 61854:1998)**

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EUROPEAN STANDARD
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Descriptors: Overhead electrical line, bundled conductor, spacer, definition, requirement, design, test, visual examination, verification of dimension, non destructive test, mechanical test, electrical test, classification, quality of assurance, protection against corrosion, elastomer, ozone resistance test

English version

**Overhead lines - Requirements and tests for spacers
(IEC 61854:1998)**

Lignes aériennes - Exigences et essais
applicables aux entretoises
(CEI 61854:1998)

Freileitungen - Anforderungen und
Prüfungen für Abstandhalter
(IEC 61854:1998)

This European Standard was approved by CENELEC on 1998-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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

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Foreword

The text of document 11/141/FDIS, future edition 1 of IEC 61854, prepared by IEC TC 11, Overhead lines, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61854 on 1998-10-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 1999-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2001-07-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annexes A and ZA are normative and annexes B, C and D are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61854:1998 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050(466)	1990	International electrotechnical vocabulary (IEV) - Chapter 466: Overhead lines	-	-
IEC 61284	1997	Overhead lines - Requirements and tests for fittings	EN 61284	1997
IEC 60888	1987	Zinc-coated steel wires for stranded conductors	-	-
ISO 34-1	1994	Rubber, vulcanized or thermoplastic Determination of tear strength Part 1: Trouser, angle and crescent test pieces	-	-
ISO 34-2	1996	Part 2: Small (Delft) test pieces	-	-
ISO 37	1994	Rubber, vulcanized or thermoplastic Determination of tensile stress-strain properties	-	-
ISO 188	1982	Rubber, vulcanized - Accelerated ageing or heat-resistance tests	-	-
ISO 812	1991	Rubber, vulcanized - Determination of low temperature brittleness	-	-
ISO 815	1991	Rubber, vulcanized or thermoplastic Determination of compression set at ambient, elevated or low temperatures	-	-
ISO 868	1985	Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness)	-	-
ISO 1183	1987	Plastics - Methods for determining the density and relative density of non-cellular plastics	-	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 1431-1	1989	Rubber, vulcanized or thermoplastic Resistance to ozone cracking Part 1: Static strain test	-	-
ISO 1461	- ¹⁾	Hot dip galvanized coatings on fabricated ferrous products - Specifications	-	-
ISO 1817	1985	Rubber, vulcanized - Determination of the effect of liquids	-	-
ISO 2781	1988	Rubber, vulcanized - Determination of density	-	-
ISO 2859-1	1989	Sampling procedures for inspection by attributes Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection	-	-
ISO 2859-2	1985	Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection	-	-
ISO 2921	1982	Rubber, vulcanized - Determination of low temperature characteristics Temperature-retraction procedure (TR test)	-	-
ISO 3417	1991	Rubber - Measurement of vulcanization characteristics with the oscillating disc curemeter	-	-
ISO 3951	1989	Sampling procedures and charts for inspection by variables for percent non-conforming	-	-
ISO 4649	1985	Rubber - Determination of abrasion resistance using a rotating cylindrical drum device	-	-
ISO 4662	1986	Rubber - Determination of rebound resilience of vulcanizates	-	-

1) To be published.

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