



**NSAI**  
Standards

Irish Standard  
I.S. EN 61394:2011

# Overhead lines - Requirements for greases for aluminium, aluminium alloy and steel bare conductors (IEC 61394:2011 (EQV))

## I.S. EN 61394:2011

*Incorporating amendments/corrigenda issued since publication:*

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61394**

November 2011

ICS 29.060.20; 29.240.20

English version

**Overhead lines -  
Requirements for greases for aluminium, aluminium alloy and steel bare  
conductors  
(IEC 61394:2011)**

Lignes aériennes -  
Exigences pour les graisses pour  
conducteurs nus en aluminium, en alliage  
d'aluminium et en acier  
(CEI 61394:2011)

Freileitungen -  
Anforderungen für Fette für blanke Leiter  
aus Aluminium, Aluminiumlegierung und  
Stahl  
(IEC 61394:2011)

This European Standard was approved by CENELEC on 2011-11-16. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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**CENELEC**

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

**I.S. EN 61394:2011**

EN 61394:2011

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**Foreword**

The text of document 7/609/FDIS, future edition 1 of IEC 61394, prepared by IEC/TC 7 "Overhead electrical conductors" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61394:2011.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-08-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2014-11-16

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**Endorsement notice**

The text of the International Standard IEC 61394:2011 was approved by CENELEC as a European Standard without any modification.

## **Annex ZA** (normative)

### **Normative references to international publications with their corresponding European publications**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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 60068-2-11	1981	Environmental testing -	EN 60068-2-11	1999
+ corr. December	1999	Part 2: Tests - Test Ka: Salt mist		
ISO 2137	2007	Petroleum products and lubricants - Determination of cone penetration of lubricating greases and petrolatum	-	-
ISO 2176	1995	Petroleum products - Lubricating grease - Determination of dropping point	-	-

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**OVERHEAD LINES –  
REQUIREMENTS FOR GREASES FOR ALUMINIUM,  
ALUMINIUM ALLOY AND STEEL BARE CONDUCTORS**

## FOREWORD

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International Standard IEC 61394 has been prepared by IEC technical committee 7: Overhead electrical conductors.

This first edition of IEC 61394 cancels and replaces the first edition of technical specification IEC/TS 61394 published in 1997. It constitutes a technical revision and now has the status of an International Standard.

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

FDIS	Report on voting
7/609/FDIS	7/613/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.



The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site 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
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