



**National Standards Authority of Ireland**

**IRISH STANDARD**

**I.S. EN 60465 : 1991**

ICS 29.040.10  
13.300

**SPECIFICATION FOR UNUSED INSULATING  
MINERAL OILS FOR CABLES WITH OIL  
DUCTS (IEC 465:1988)**

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*June 14, 1991*

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Údarás um Chaighdeáin Náisiúnta na hÉireann



**DECLARATION**

**OF**

**SPECIFICATION**

**ENTITLED**

**SPECIFICATION FOR UNUSED INSULATING MINERAL OILS**

**FOR CABLES WITH OIL DUCTS**

**AS**

**THE IRISH STANDARD SPECIFICATION FOR**

**SPECIFICATION FOR UNUSED INSULATING MINERAL OILS**

**FOR CABLES WITH OIL DUCTS**

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EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Industry and Commerce, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Specification for Unused Insulating Mineral Oils for Cables with Oil Ducts) Declaration, 1991.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Specification for Unused Insulating Mineral Oils for Cables with Oil Ducts. The Schedule comprises the text of EN 60465:1990.  
  
(2) The said standard specification may be cited as Irish Standard/EN 60465 : 1991 or as I.S./EN 60465 : 1991.



NORME EUROPEENNE

EUROPÄISCHE NORM

September 1990

UDC 621.315.2:620.1

Descriptors: Electrical liquid insulant, insulating mineral oil,  
oil cable, requirement, test

## ENGLISH VERSION

SPECIFICATION FOR UNUSED INSULATING  
MINERAL OILS FOR CABLES WITH OIL DUCTS  
(IEC 465:1988)

Spécification pour huiles  
minérales isolantes neuves pour  
câbles à circulation d'huile  
(CEI 465:1988)

Anforderungen an ungebrauchte  
Isolieröle auf Mineralölbasis  
für Kabel mit Ölkäulen  
(IEC 465:1988)

This European Standard was approved by CENELEC on 1990-05-01.  
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,  
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 Bréderode 2, B-1000 Brussels

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#### FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 465:1988 could be accepted without textual changes, has shown that no CENELEC common modifications were necessary for the acceptance as European Standard. The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 60465 on 1 May 1990 with exception of Austria and Switzerland.

The following dates were fixed:

- latest date of announcement  
of the EN at national level (doa) 1990-12-15
- latest date of publication of  
an identical national standard (dop) 1991-06-15
- latest date of withdrawal of  
conflicting national standards (dow) 1991-06-15

#### ENDORSEMENT NOTICE

The text of the International Standard IEC 465:1988 was approved by CENELEC as a European Standard without any modification.

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