



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61788-2:2007

ICS 17.220
29.050

**SUPERCONDUCTIVITY -- PART 2:
CRITICAL CURRENT MEASUREMENT - DC
CRITICAL CURRENT OF NB3SN
COMPOSITE SUPERCONDUCTORS (IEC
61788-2:2006 (EQV))**

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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61788-2

January 2007

ICS 17.220; 29.050

Supersedes EN 61788-2:1999

English version

Superconductivity
Part 2: Critical current measurement -
DC critical current of Nb₃Sn composite superconductors
(IEC 61788-2:2006)

Supraconductivité
Partie 2: Mesure du courant critique -
Courant critique continu des
supraconducteurs composites Nb₃Sn
(CEI 61788-2:2006)

Supraleitfähigkeit
Teil 2: Messen des kritischen Stromes -
Kritischer Strom (Gleichstrom)
von Nb₃Sn-Verbundsupraleitern
(IEC 61788-2:2006)

This European Standard was approved by CENELEC on 2006-12-01. 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, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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

Foreword

The text of document 90/195/FDIS, future edition 2 of IEC 61788-2, prepared by IEC TC 90, Superconductivity, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61788-2 on 2006-12-01.

This European Standard supersedes EN 61788-2:1999.

Modifications made to EN 61788-2:1999 are mostly wording that essentially includes no technical changes and an addition of a new annex (normative Annex D) in which the specifications in the one-mandrel method are described.

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) | 2007-09-01 |
| – latest date by which the national standards conflicting
with the EN have to be withdrawn | (dow) | 2009-12-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61788-2:2006 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61788-1	NOTE	Harmonized as EN 61788-1:2007 (not modified).
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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 60050-815	2000	International Electrotechnical Vocabulary (IEV) Part 815: Superconductivity	-	-

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