National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62086-2:2005

ICS 29.260.20

ELECTRICAL APPARATUS FOR EXPLOSIVE GAS ATMOSPHERES - ELECTRICAL RESISTANCE TRACE HEATING -- PART 2: APPLICATION GUIDE FOR DESIGN, INSTALLATION AND MAINTENANCE

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EUROPEAN STANDARD **EN 62086-2**

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English version

Electrical apparatus for explosive gas atmospheres – Electrical resistance trace heating Part 2: Application guide for design, installation and maintenance

(IEC 62086-2:2001)

Matériel électrique pour atmosphères explosives gazeuses – Traçage par résistance électrique Partie 2: Guide d'application pour la conception, l'installation et la maintenance (CEI 62086-2:2001)

Elektrische Betriebsmittel für gasexplosionsgefährdete Bereiche – Elektrische Widerstands-Begleitheizungen Teil 2: Anwendungsleitfaden für Entwurf, Installation und Instandhaltung (IEC 62086-2:2001)

This European Standard was approved by CENELEC on 2005-02-01. 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, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 the International Standard IEC 62086-2:2001, prepared by IEC TC 31, Electrical apparatus for explosive atmospheres, was submitted to the CENELEC Unique Acceptance Procedure and was approved by CENELEC as EN 62086-2 on 2005-02-01 without any modification.

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)	2006-05-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2008-02-01

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 62086-2:2001 was approved by CENELEC as a European Standard without any modification.

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

Publication	Year	Title	EN/HD	Year
IEC 60079-0	1998 [1)]	Electrical apparatus for explosive gas atmospheres Part 0: General requirements	-	-
IEC 60079-10	1995	Part 10: Classification of hazardous areas	EN 60079-10	1996 [2)]
IEC 60079-14	1996	Part 14: Electrical installations in hazardous areas (other than mines)	EN 60079-14	1997 [3)]
IEC 60079-17	1996	Part 17: Inspection and maintenance of electrical installations in hazardous areas (other than mines)	EN 60079-17	1997 [4)]
IEC 62086-1	2001	Electrical apparatus for explosive gas atmospheres - Electrical resistance trace heating Part 1: General and testing requirements	EN 62086-1	2005

1) IEC 60079-0:1998 is superseded by IEC 60079-0:2004, which is harmonized as EN 60079-0:2005 (mod).

2) EN 60079-10:1996 is superseded by EN 60079-10:2003, which is based on IEC 60079-10:2002.

3) EN 60079-14:1997 is superseded by EN 60079-14:2003, which is based on IEC 60079-14:2002.

4) EN 60079-17:1997 is superseded by EN 60079-17:2003, which is based on IEC 60079-17:2002.