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**PLAHVATUSOHTLIKUD KESKKONNAD. OSA 10-1:
PIIRKONDADE LIIGITUS. PLAHVATUSOHTLIKUD
GAASKESKKONNAD**

**Explosive atmospheres - Part 10-1: Classification of
areas - Explosive gas atmospheres**

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

See Eesti standard EVS-EN 60079-10-1:2016 sisaldb Euroopa standardi EN 60079-10-1:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 60079-10-1:2016 consists of the English text of the European standard EN 60079-10-1:2015.
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ICS 29.260.20

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December 2015

ICS 29.260.20

Supersedes EN 60079-10-1:2009

English Version

Explosive atmospheres - Part 10-1: Classification of areas -
Explosive gas atmospheres
(IEC 60079-10-1:2015 + COR1:2015)

Atmosphères explosives - Partie 10-1: Classement des
emplacements - Atmosphères explosives gazeuses
(IEC 60079-10-1:2015 + COR1:2015)

Explosionsgefährdete Bereiche - Teil 10-1: Einteilung der
Bereiche - Gasexplosionsgefährdete Bereiche
(IEC 60079-10-1:2015 + COR1:2015)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of document 31J/253/FDIS, future edition 2 of IEC 60079-10-1, prepared by SC 31J "Classification of hazardous areas and installation requirements", of IEC/TC 31 "Equipment for explosive atmospheres" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60079-10-1:2015.

The following dates are fixed:

- latest date by which the document has to be implemented at (dop) 2016-07-13 national level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-10-13

This document supersedes EN 60079-10-1:2009.

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60079-10-2	NOTE	Harmonized as EN 60079-10-2.
IEC 61285:2004	NOTE	Harmonized as EN 61285:2004 (not modified).
IEC 60079-20-1	NOTE	Harmonized as EN 60079-20-1.

1) COR1:2015 applies to English version only.

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

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

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60079-0	-	Explosive atmospheres - Part 0: Equipment - General requirements	EN 60079-0	-
IEC 60079-14	-	Explosive atmospheres - Part 14: Electrical installations design, selection and erection	EN 60079-14	-

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INTRODUCTION

In areas where dangerous quantities and concentrations of flammable gas or vapour may arise, protective measures need to be applied in order to reduce the risk of explosions. This part of IEC 60079 sets out the essential criteria against which the ignition hazards can be assessed, and gives guidance on the design and control parameters which can be used in order to reduce such hazards.