



Secretariat

INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC SCHEME FOR CERTIFICATION TO STANDARDS FOR SAFETY OF
ELECTRICAL EQUIPMENT FOR EXPLOSIVE ATMOSPHERES
(IECEx SCHEME)

For Consideration by Members of IECEx Management Committee, ExMC

Introductory Note

The Secretariat is pleased to advise that an application has been received from Finland for acceptance as a Participating Member within the IECEx Scheme.

In accordance with IECEx 01, IEC Scheme for Certification to Standards for Electrical Equipment for Explosive Atmospheres (IECEx Scheme) — Basic Rules, a copy of the application is attached for approval by the ExMC Management Committee. Therefore please consider the application and return the completed voting form to the Secretariat by **13 April 2001**.

You may return your completed voting form (available in Word format) via fax or E-mail.

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Secretariat

Date: 6.2.2001

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Reference:

For the attention of the Secretary of the IEC Ex Management Committee

Application to become a participating country in the Scheme of the IECEx for Certification to Standards for Electrical Equipment for Explosive Atmospheres (IECEX Scheme)

The following application is made in accordance with Clause 7 and annex A of Publication IECEx 02:

a) name of the country: **FINLAND**

b) name and address of the Member Body of the IECEx

Finnish Electrotechnical Standards Association (SESKO)
PO Box 134
FI-00211 HELSINKI
FINLAND

c) legal status of the Member Body of the IECEx within the country

Non-governmental, non-profit standardization organization
Finland's National Committee of the IEC

- d) IEC standard(s) for which participation is sought (tick one or more for the following IEC standards):

Number	Title	
<u>60079-0</u>	Electrical apparatus for explosive gas atmospheres Part 0: General requirements	X
<u>60079-1</u>	Electrical apparatus for explosive gas atmospheres Part 1: Construction and verification test of flameproof enclosures of electrical apparatus	X
<u>60079-2</u>	Electrical apparatus for explosive gas atmospheres Part 2: Electrical apparatus, type of protection 'p' (Pressurization)	X
<u>60079-5</u>	Electrical apparatus for explosive gas atmospheres Part 5: Powder filling "q"	X
<u>60079-6</u>	Electrical apparatus for explosive gas atmospheres Part 6: Oil-immersion 'o'	X
<u>60079-7</u>	Electrical apparatus for explosive gas atmospheres Part 7: Increased safety 'e'	X
<u>60079-11</u>	Electrical apparatus for explosive gas atmospheres Part 11: Intrinsic safety 'i'	X
<u>60079-15</u>	Electrical apparatus for explosive gas atmospheres Part 15: Electrical apparatus with type of protection 'n' (Non-Sparking)	X
<u>60079-18</u>	Electrical apparatus for explosive gas atmospheres Part 18: Encapsulation 'm'	X
<u>61241-1-1</u>	Electrical apparatus for use in the presence of combustible dust Part 1: Electrical apparatus protected by enclosures Section 1: Specification for apparatus	X
<u>61779-1</u>	Electrical apparatus for the detection and measurement of flammable gases Part 1: General requirements and test methods	
<u>61779-2</u>	Electrical apparatus for the detection and measurement of flammable gases Part 2: Performance requirements for group I apparatus indicating a volume fraction up to 5% methane in air	
<u>61779-3</u>	Electrical apparatus for the detection and measurement of	

flammable gases

Part 3: Performance requirements for group I apparatus
indicating a volume fraction up to 100% methane in air

61779-4

Electrical apparatus for the detection and measurement of
flammable gases

Part 4: Performance requirements for group II apparatus
indicating up to 100% lower explosive limit

61779-5

Electrical apparatus for the detection and measurement of
flammable gases

Part 5: Performance requirements for group II apparatus
indicating a volume fraction up to 100% gas

e) the national standard(s) corresponding to the IEC standard(s) ticked off in d):

Number	Title	Corresponding National Standard
<u>60079-0</u>	Electrical apparatus for explosive gas atmospheres Part 0: General requirements	SFS-EN 50014
<u>60079-1</u>	Electrical apparatus for explosive gas atmospheres Part 1: Construction and verification test of flameproof enclosures of electrical apparatus	SFS-EN 50018
<u>60079-2</u>	Electrical apparatus for explosive gas atmospheres Part 2: Electrical apparatus, type of protection 'p' (Pressurization)	SFS-EN 50016
<u>60079-5</u>	Electrical apparatus for explosive gas atmospheres Part 5: Powder filling "q"	SFS-EN 50017
<u>60079-6</u>	Electrical apparatus for explosive gas atmospheres Part 6: Oil-immersion 'o'	SFS-EN 50015
<u>60079-7</u>	Electrical apparatus for explosive gas atmospheres Part 7: Increased safety 'e'	SFS-EN 50019
<u>60079-11</u>	Electrical apparatus for explosive gas atmospheres Part 11: Intrinsic safety 'i'	SFS-EN 50020
<u>60079-15</u>	Electrical apparatus for explosive gas atmospheres Part 15: Electrical apparatus with type of protection 'n' (Non-Sparking)	SFS-EN 50021
<u>60079-18</u>	Electrical apparatus for explosive gas atmospheres Part 18: Encapsulation 'm'	SFS-EN 50028

<u>61241-1-1</u>	Electrical apparatus for use in the presence of combustible dust Part 1: Electrical apparatus protected by enclosures Section 1: Specification for apparatus	SFS-EN 50281-1-1
<u>61779-1</u>	Electrical apparatus for the detection and measurement of flammable gases Part 1: General requirements and test methods	
<u>61779-2</u>	Electrical apparatus for the detection and measurement of flammable gases Part 2: Performance requirements for group I apparatus indicating a volume fraction up to 5% methane in air	
<u>61779-3</u>	Electrical apparatus for the detection and measurement of flammable gases Part 3: Performance requirements for group I apparatus indicating a volume fraction up to 100% methane in air	
<u>61779-4</u>	Electrical apparatus for the detection and measurement of flammable gases Part 4: Performance requirements for group II apparatus indicating up to 100% lower explosive limit	
<u>61779-5</u>	Electrical apparatus for the detection and measurement of flammable gases Part 5: Performance requirements for group II apparatus indicating a volume fraction up to 100% gas	

- f) any national differences from the IEC standard(s) (use a separate page or pages if necessary to list national differences)

Finland has same national differences as CH, DE, FR etc. have (so called Group differences)

- g) whether or not IECEx Certificates of Conformity are accepted in the country. This question is not perhaps applicable in the start-up phase of the Scheme. Nevertheless, an IECEx Member Body that wishes to say "yes" in principle should not hesitate to do so.

Yes

- h) Tick which level of participation is sought

..... Full participation

.....**X**.... Participation at the transitional level
where application at the transitional level is made, the proposed transitional period is

from **2001 to 2011**

The IECEx Member Body undertakes to abide by the Rules and Procedures laid down in Publication IECEx 02 and to use its best endeavours to assist in the achievement of the aims and objectives of the IECEx Scheme.