



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

The Secretariat is pleased to advise that an application has been received from the United States of America 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 **17 April 2001**.

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

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IECEX

Secretariat

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Date: February 9, 2001

Reference: ExMC/46/Q Template from IECEX Scheme Website

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:

United States of America

b) name and address of the U. S. Member Body of the IECEX:

**USNC/IECEX
c/o NEMA
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209 USA**

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

**The U.S. National Committee of the IECEX (USNC/IECEX) is a standing
committee of the U.S. National Committee of the IEC.**

**The National Electrical Manufacturers Association (NEMA) is a not for profit
corporation incorporated in the State of Delaware, USA.**

- 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
<u>60079-1</u>	Electrical apparatus for explosive gas atmospheres Part 1: Construction and verification test of flameproof enclosures of electrical apparatus
<u>60079-2</u> <u>60079-5</u>	Not Included Electrical apparatus for explosive gas atmospheres Part 5: Powder filling "q"
<u>60079-6</u>	Electrical apparatus for explosive gas atmospheres Part 6: Oil-immersion 'o'
<u>60079-7</u>	Electrical apparatus for explosive gas atmospheres Part 7: Increased safety 'e'
<u>60079-11</u>	Electrical apparatus for explosive gas atmospheres Part 11: Intrinsic safety 'i'
<u>60079-15</u>	Electrical apparatus for explosive gas atmospheres Part 15: Electrical apparatus with type of protection 'n' (Non-Sparking)
<u>60079-18</u>	Electrical apparatus for explosive gas atmospheres Part 18: Encapsulation 'm'
<u>61241-1-1</u> <u>61779-1</u>	Not Included Electrical apparatus for the detection and measurement of flammable gases Part 1: General requirements and test methods
<u>61779-2</u> <u>61779-3</u>	Not Included Not Included

Number	Title
<u>61779-4</u>	Electrical apparatus for the detection and measurement of flammable gases Part 4: Performance requirements for group 11 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 11 apparatus indicating a volume fraction up to 100% gas

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

Corresponding National Standards to be determined and provided in a timely manner at a future date.

Number	Title	Corresponding National Standard
<u>60079-0</u>	Electrical apparatus for explosive gas atmospheres Part 0: General requirements	
<u>60079-1</u>	Electrical apparatus for explosive gas atmospheres Part 1: Construction and verification test of flameproof enclosures of electrical apparatus	
<u>60079-2</u>	Electrical apparatus for explosive gas atmospheres Part 2: Electrical apparatus, type of protection 'p' (Pressurization)	
<u>60079-5</u>	Electrical apparatus for explosive gas atmospheres Part 5: Powder filling 'q'	
<u>60079-6</u>	Electrical apparatus for explosive gas atmospheres Part 6: Oil-immersion 'o'	
<u>60079-7</u>	Electrical apparatus for explosive gas atmospheres Part 7: Increased safety 'e'	
<u>60079-11</u>	Electrical apparatus for explosive gas atmospheres Part 11: Intrinsic safety 'i'	
<u>60079-15</u>	Electrical apparatus for explosive gas atmospheres Part 15: Electrical apparatus with type of protection 'n' (Non-Sparking)	
<u>60079-18</u>	Electrical apparatus for explosive gas atmospheres Part 18: Encapsulation 'm'	
2000 02V2		

Number	Title	Corresponding National Standard
<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	
<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 1 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 1 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 11 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 11 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)

National Differences to be provided in a timely manner at a future date.

- 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, in principle.

- h) Tick which level of participation is sought
..... Full participation
...,**XX**... Participation at the transitional level

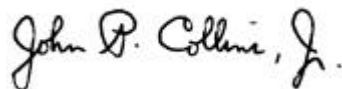
ExMC/83/DV
16th February 2001

where application at the transitional level is made, the proposed transitional period is

from ...Date application is accepted..... to..... 1 5 years from date of acceptance.

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.

Submitted on behalf of the prospective U.S. Member Body of the IECEX by,

A handwritten signature in cursive script that reads "John P. Collins, Jr.".

John P. Collins, Jr.,
Secretary, U.S. National Committee of the IECEX

cc: Kerry McManama, Chairman, USNC/IECEX