ExMC/315/DV
May 2006

INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC) SCHEME FOR CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR EXPLOSIVE ATMOSPHERES (IECEx SCHEME)

To: Members of the Management Committee ExMC

Introductory Note

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

In accordance with IECEx 01, *IEC Scheme for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEx Scheme) – Basic Rules* - a copy of the application is attached for approval by the Ex Management Committee, ExMC. Therefore please consider the application and return the completed voting form to the Secretariat by 24 07 2006.

You may return your vote via either fax or E-mail.

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Date: **18 May 2006**

Reference: **CMD III/ IEC Ex**

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.....**INDIA**.....

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

BUREAU OF INDIAN STANDARDS

9 BAHADUR SHAH ZAFAR MARG

NEW DELHI

110002

Phone: +91 11 23237481 Fax: +91 11 23231229 E-mail: ddgm@bis.org.in

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

BUREAU OF INDIAN STANDARDS is the National Standards Body of India, established under the Act of Parliament of India, (BUREAU OF INDIAN STANDARDS ACT, 1986)

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

Number	Title	
60079-0	Electrical apparatus for explosive gas atmospheres Part 0: General requirements	✓
60079-1	Electrical apparatus for explosive gas atmospheres Part 1: Flameproof enclosures ‘d’	✓
60079-2	Electrical apparatus for explosive gas atmospheres Part 2: Pressurised enclosures 'p'	✓
60079-5	Electrical apparatus for explosive gas atmospheres Part 5: Powder filling "q"	✓
60079-6	Electrical apparatus for explosive gas atmospheres Part 6: Oil-immersion 'o'	✓

Number	Title	
60079-7	Electrical apparatus for explosive gas atmospheres Part 7: Increased safety 'e'	☑
60079-11	Electrical apparatus for explosive gas atmospheres Part 11: Intrinsic safety 'i'	☑
60079-15	Electrical apparatus for explosive gas atmospheres Part 15: Type of protection 'n' (Non-Sparking)	☑
60079-18	Electrical apparatus for explosive gas atmospheres Part 18: Encapsulation 'm'	☑
61241-1-1	Electrical apparatus for use in the presence of combustible dust Part 1-1: Electrical apparatus protected by enclosures and surface temperature limitation - Specification for apparatus	
61241-4	Electrical apparatus for use in the presence of combustible dust Part 4: type of protection 'pD'	
61779-1	Electrical apparatus for the detection and measurement of flammable gases Part 1: General requirements and test methods	
61779-2	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	
61779-3	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
60079-0	Electrical apparatus for explosive gas atmospheres Part 0: General requirements	**IS 13346: 2004 Identical to IEC 60079-0(2000)**
60079-1	Electrical apparatus for explosive gas atmospheres Part 1: Flameproof enclosures 'd'	**IS 2148: 2004 Identical to IEC 60079-1(2001)**
60079-2	Electrical apparatus for explosive gas atmospheres Part 2: Pressurised enclosures 'p'	**IS 7389: 2004 Identical to IEC 60079-2(2001)**

Number	Title	Corresponding National Standard
60079-5	Electrical apparatus for explosive gas atmospheres Part 5: Powder filling "q"	**IS 7724: 2004 Identical to IEC 60079-5(1997)**
60079-6	Electrical apparatus for explosive gas atmospheres Part 6: Oil-immersion 'o'	**IS 7693: 2004 Identical to IEC 60079-6(1995)**
60079-7	Electrical apparatus for explosive gas atmospheres Part 7: Increased safety 'e'	**IS 6381: 2004 Identical to IEC 60079-7(2001)**
60079-11	Electrical apparatus for explosive gas atmospheres Part 11: Intrinsic safety 'i'	**IS 5780: 2002 Identical to IEC 60079-11(1999)**
60079-15	Electrical apparatus for explosive gas atmospheres Part 15: Type of protection 'n'	IS 8289:1976 Being harmonized with IEC 60079-15
60079-18	Electrical apparatus for explosive gas atmospheres Part 18: Encapsulation 'm'	**IS 15451: 2004 Identical to IEC 60079-18(1992)**
61241-1-1	Electrical apparatus for use in the presence of combustible dust Part 1-1: Electrical apparatus protected by enclosures and surface temperature limitation - Specification for apparatus	
61241-4	Electrical apparatus for use in the presence of combustible dust Part 4: type of protection ‘pD’	
61779-1	Electrical apparatus for the detection and measurement of flammable gases Part 1: General requirements and test methods	
61779-2	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	
61779-3	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	

Number	Title	Corresponding National Standard
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	

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

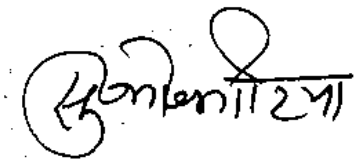
No National Differences. Please see e) for corresponding National Standards which are identical to IEC Standards.

IS 8289: 1976 Electrical equipment with type of protection 'n', is being revised to make it identical to IEC 60079-15.

g) whether or not IECEx Certificates of Conformity are accepted in the country

Will be accepted after India becomes member of IEC Ex Scheme.

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

Signature: 

Name: **S. M. BHATIA**

Deputy Director General (Marks)
Bureau of Indian Standards

Date: **18 May 2006**