



ExMC/448/DV
June 2008

**INTERNATIONAL ELECTROTECHNICAL COMMISSION SCHEME
FOR CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR
USE IN 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 the Malaysian NC of the IEC Department of Standards Malaysia (STANDARDS MALAYSIA) for acceptance of Malaysia 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 **2008 07 18**.

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

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IECEx Secretariat

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Date: 23 May 2008

Reference:

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

Application to become a participating country in the Scheme of the IEC for Certification to Standards relating to Equipment for use in 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: **MALAYSIA**
- b) name and address of the Member Body of the IECEx

Department of Standards Malaysia (STANDARDS MALAYSIA)
Level 1&2, Block 2300, Century Square
Jalan Usahawan
63000 Cyberjaya, Selangor
MALAYSIA
Tel: +60 3 8318 0002
Fax: +60 3 8319 1511
Email: central@standardsmalaysia.gov.my

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

A government agency

- 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: Construction and verification test of flameproof enclosures of electrical apparatus	√



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Number	Title	
60079-2	Electrical apparatus for explosive gas atmospheres Part 2: Electrical apparatus, type of protection 'p' (Pressurization)	√
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'	√
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: Electrical apparatus with type of protection 'n' (Non-Sparking)	√
60079-18	Electrical apparatus for explosive gas atmospheres Part 18: Encapsulation 'm'	√
60079-25	Electrical apparatus for explosive gas atmospheres Part 25: Intrinsically safe systems	√
60079-26	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga	√
60079-27	Electrical apparatus for explosive gas atmospheres Part 27: Fieldbus intrinsically safe concept (FISCO)	√
60079-28	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation	√
60079-30-1	Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements	√
61241-0	Electrical apparatus for use in the presence of combustible dust Part 0: General requirements	
61241-1	Electrical apparatus for use in the presence of combustible dust Part 1: Electrical apparatus protected by enclosures	
61241-1-1	Electrical apparatus for use in the presence of combustible dust Part 1: Electrical apparatus protected by enclosures Section 1: Specification for apparatus	
61241-4	Electrical apparatus for use in the presence of combustible dust Part 4: Type of protection 'pD'	
61241-11	Electrical apparatus for use in the presence of combustible dust Part 11: Protection by intrinsic safety 'iD'	
61241-18	Electrical apparatus for use in the presence of combustible dust Part 18: Protection by encapsulation 'mD'	
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	



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Number	Title	
	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	
62013-1	Caplights for use in mines susceptible to firedamp Part 1: General requirements - Construction and testing in relation to the risk of explosion	
62086-1	Electrical apparatus for explosive gas atmospheres - Electrical resistance trace heating - Part 1: General and testing requirements	

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	MS IEC 60079-0: 2005
60079-1	Electrical apparatus for explosive gas atmospheres Part 1: Construction and verification test of flameproof enclosures of electrical apparatus	MS IEC 60079-1: 2005
60079-2	Electrical apparatus for explosive gas atmospheres Part 2: Electrical apparatus, type of protection 'p' (Pressurization)	MS IEC 60079-2: 2003
60079-5	Electrical apparatus for explosive gas atmospheres Part 5: Powder filling "q"	MS IEC 60079-5: 2007
60079-6	Electrical apparatus for explosive gas atmospheres Part 6: Oil-immersion 'o'	MS IEC 60079-6: 2007
60079-7	Electrical apparatus for explosive gas atmospheres Part 7: Increased safety 'e'	MS IEC 60079-7: 2003
60079-11	Electrical apparatus for explosive gas atmospheres Part 11: Intrinsic safety 'i'	MS IEC 60079-11: 2003
60079-15	Electrical apparatus for explosive gas atmospheres Part 15: Electrical apparatus with type of protection 'n' (Non-Sparking)	MS IEC 60079-15: 2005
60079-18	Electrical apparatus for explosive gas atmospheres Part 18: Encapsulation 'm'	MS IEC 60079-18: 2005
60079-25	Electrical apparatus for explosive gas atmospheres Part 25: Intrinsically safe systems	MS IEC 60079-25: 2005
60079-26	Explosive atmospheres -	MS IEC 60079-26: 2005



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Number	Title	Corresponding National Standard
	Part 26: Equipment with equipment protection level (EPL) Ga	
60079-27	Electrical apparatus for explosive gas atmospheres Part 27: Fieldbus intrinsically safe concept (FISCO)	MS IEC 60079-27: 2006
60079-28	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation	MS IEC 60079: PART 28: 2007
60079-30-1	Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements	MS IEC 60079: PART 30-1
61241-0	Electrical apparatus for use in the presence of combustible dust Part 0: General requirements	No MS
61241-1	Electrical apparatus for use in the presence of combustible dust Part 1: Electrical apparatus protected by enclosures	
61241-1-1	Electrical apparatus for use in the presence of combustible dust Part 1: Electrical apparatus protected by enclosures Section 1: Specification for apparatus	
61241-4	Electrical apparatus for use in the presence of combustible dust Part 4: Type of protection 'pD'	
61241-11	Electrical apparatus for use in the presence of combustible dust Part 11: Protection by intrinsic safety 'iD'	
61241-18	Electrical apparatus for use in the presence of combustible dust Part 18: Protection by encapsulation 'mD'	
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	



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Number	Title	Corresponding National Standard
62013-1	Caplights for use in mines susceptible to firedamp Part 1: General requirements - Construction and testing in relation to the risk of explosion	No MS
62086-1	Electrical apparatus for explosive gas atmospheres - Electrical resistance trace heating - Part 1: General and testing requirements	

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

No, all are identical to IEC

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

There is currently no specific regulatory requirement for equipments for explosive atmospheres. However, several industries self regulate and accept IECEx Certificate of Conformity

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: **Hussalmizzar Hussain**

Secretary

Malaysian National Committee of the IEC (MyENC)

Date: **23 May 2008**