**INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC) SYSTEM**

**FOR CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR**

**USE IN EXPLOSIVE ATMOSPHERES (IECEx SYSTEM)**

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| Introduction |
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| This document contains updated details relating to the IECEx Application to become a participating country in the IECEx System. This document supersedes ExMC/46L/Q. |
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| The document is issued for your information. |

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| Should any of the information contained in this document require amendment please notify the IECEx Secretariat.  |

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

**Application to become a participating country in the IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEx System)**

The following application is made in accordance with Clause 5 of Publication IEC CA 01, *IEC Conformity Assessment Systems - Basic Rules*:

a) name of the country......................................................................................

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

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

d) indicate the main areas of interest to your country

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| **Specific IECEx Scheme** | **Please tick one or more** |
| IECEx Certified Equipment Scheme (IECEx 02) |  |
| IECEx Certified Service Facilities (IECEx 03)*e.g. Ex Repair Workshops* |  |
| IECEx Certification of Personnel Competencies Scheme (IECEx 05) |  |

1. the national standard(s) corresponding to the IEC standard(s):

| **Number**  | **Title**  |  |
| --- | --- | --- |
| IEC 60079-0  | Explosive atmospheres - Part 0: Equipment - General requirements |  |
| IEC 60079-1  | Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures 'd' |  |
| IEC 60079-2  | Explosive atmospheres - Part 2: Equipment protection by pressurized enclosures 'p' |  |
| IEC 60079-5  | Explosive atmospheres - Part 5: Equipment protection by powder filling 'q' |  |
| IEC 60079-6  | Explosive atmospheres - Part 6: Equipment protection by liquid immersion 'o' |  |
| IEC 60079-7  | Explosive atmospheres - Part 7: Equipment protection by increased safety 'e' |  |
| IEC 60079-11  | Explosive atmospheres - Part 11: Equipment protection by intrinsic safety 'i' |  |
| IEC 60079-13 | Explosive atmospheres – Part 13: Equipment protection by pressurized room "p" and artificially ventilated room “v” |  |
| IEC 60079-14 | Explosive atmospheres – Part 14: Electrical installations design, selection, and erection |  |
| IEC 60079-15  | Explosive atmospheres – Part 15: Equipment protection by type of protection "n" |  |
| TR 60079-16 | Electrical apparatus for explosive gas atmospheres -Part 16: Artificial ventilation for the protection of analyser(s) houses |  |
| IEC 60079-17 | Explosive atmospheres – Part 14: Electrical installations inspection and maintenance |  |
| IEC 60079-18  | Explosive atmospheres – Part 18: Equipment protection by encapsulation "m" |  |
| IEC 60079-19 | Explosive atmospheres -Part 19: Equipment repair, overhaul and reclamation |  |
| IEC 60079-25  | Explosive atmospheres – Part 25: Intrinsically safe electrical systems |  |
| IEC 60079-26  | Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga |  |
| IEC 60079-27  | Explosive atmospheres - Part 27: Fieldbus intrinsically safe concept (FISCO) |  |
| IEC 60079-28  | Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation |  |
| IEC 60079-29-1 | Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases |  |
| IEC 60079-29-4 | Explosive atmospheres -Part 29-4: Gas detectors - Performance requirements of open path detectors for flammable gases |  |
| IEC 60079-30-1  | Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements |  |
| IEC 60079-31 | Explosive atmospheres -Part 31: Equipment dust ignition protection by enclosure "t" |  |
| IEC 60079-33 | Explosive atmospheres – Part 33: Equipment protection by special protection 's' |  |
| IEC 60079-35-1 | Explosive atmospheres – Part 35-1: Caplights for use in mines susceptible to firedamp - General requirements - Construction and testing in relation to the risk of explosion |  |
| IEC/TS 60079-40 | Explosive atmospheres – Part 40: Requirements for process sealing between flammable process fluids and electrical systems |  |
| IEC/TS 60079-46 | Explosive atmospheres – Part 46: Equipment assemblies |  |
| IEC 61241-0  | Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements |  |
| IEC 61241-1  | Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures 'tD' |  |
| IEC 61241-1-1  | Electrical apparatus for use in the presence of combustible dust - Part 1: Electrical apparatus protected by enclosures and surface temperature limitation - Specification for apparatus |  |
| IEC 61241-4  | Electrical apparatus for use in the presence of combustible dust - Part 4: Type of protection 'pD' |  |
| IEC 61241-11  | Electrical apparatus for use in the presence of combustible dust - Part 11: Protection by intrinsic safety 'iD' |  |
| IEC 61241-18  | Electrical apparatus for use in the presence of combustible dust - Part 18: Protection by encapsulation 'mD' |  |
| IEC 61779-1  | Electrical apparatus for the detection and measurement of flammable gases - Part 1: General requirements and test methods |  |
| IEC 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 |  |
| IEC 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 |  |
| IEC 61779-4  | Electrical apparatus for the detection amd measurement of flammable gases - Part 4: Performance requirements for group II apparatus indicating a volume fraction up to 100% lower explosive limit |  |
| IEC 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 |  |
| IEC 62013-1  | Cap lights for use in mines susceptible to firedamp - Part 1: General requirements - Construction and testing in relation to the risk of explosion |  |
| IEC 62013-2  | Cap lights for use in mines susceptible to firedamp - Part 2: Performance and other safety-related matters |  |
| IEC 62086-1  | Electrical apparatus for explosive gas atmospheres – Electrical resistance trace heating – Part 1: General and testing requirements |  |
| ISO 80079-36 | Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements |  |
| ISO 80079-37 | Part 37: Non-electrical equipment for explosive atmospheres - Non electrical type of protection constructional safety "c", control of ignition source "b", liquid immersion "k" |  |

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

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

The IECEx Member Body undertakes to abide by the Basic Rules, comprising IEC CA 01, *Basic Rules* and IECEx 01-S, *IECEx Supplement* and respective Rules of Procedures and to use its best endeavours to assist in the achievement of the aims and objectives of the IECEx System.

Signature:

Name of Official Contact for the National Member Body

(please print):

Address:

Telephone:

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Date: