IEC System for certification to standards relating to equipment for use in Explosive Atmospheres (IECEx System)

Application to become an ExCB in the IECEx Certified Equipment Scheme

IECEx ExCB application for <Insert body name>

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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**Introduction**

This document specifies requirements for an application to become an IECEx Certification Body (ExCB) in the IECEx Certified Equipment Scheme. The document supersedes and replaces F-008, Edition 2.0

This document has been published to align with IECEx Edition 8.1 and later Editions by transferring the details of Annex A of F-003 into this document.

# Application introduction

…………………………………………………………………………………. (*name of Applicant ExCB*)

makes the following application in accordance with Clause 11.1.3 of IECEx 02

# Description of the certification body

|  |  |
| --- | --- |
| Name of the body. |  |
| Organisation chart(s).  *[Include in Annexes C and D]* |  |
| The legal status of the body. |  |
| The address(es) at which it carries out its operations. |  |
| The means by which the body will demonstrate compliance with ISO/IEC 17065. |  |
| The documents available for providing supporting information, for example with regard to existing accreditation. |  |
| Any legal relationship between the body and the testing laboratory(ies) used in the course of its work (including the case where the testing laboratory is integral with the certification body). |  |
| The responsibilities at national level concerning certification, and the schemes operated\*. |  |
| The arrangements for appeal. |  |
| The arrangements for recognition of IECEx Certificates of Conformity, Test Reports (ExTRs) and Quality Assessment Reports (QARs) when issuing its own national or regional certificates. |  |
| Details of senior management with competence in the certification of Ex equipment. |  |

\*An explanation of how the certifying body is recognised at national level

# List of standards for scope to issue IECEx Certificates of Conformity or ExTRs

In Annex A, note the Standards (in the third column), including the latest editions, to which the body wishes to issue IECEx Certificates of Conformity or ExTRs. These will form the scope of the ExCB when accepted.

NOTE The Standards should be within the scope of IECEx Certified Equipment Scheme.

# Statement of acceptance

The body hereby states that it will accept ExTRs and QARs produced by other ExCBs when issuing its national or regional certificates or approvals.

# List of standards accepted

In Annex B note the Standards (in the third column), to which the body can issue national or regional certificates, or approvals. Where national differences exist from the Standards listed in Annex A, these shall be declared for publication in the IECEx Bulletin (use Annex E or a separate document to list national differences).

# Number of certificates issued

Number of certificates issued in preceding two years for each type of protection covered by the standards listed in Annexes A and B.

|  |  |  |  |
| --- | --- | --- | --- |
| Standard numbers | Type of protection or other identifying information | Number of issued certificates (for last 2 years) | Total |
|  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  | *[Add extra rows where required]* |  |  |  |

# Declaration

The certification body undertakes to abide by the Rules and Procedures laid down in Publications IEC CA 01, IECEx 01-S and IECEx 02.

(Signature)

(Name)

(Role)

(Date)

# Endorsement of Member Body

Endorsement of the IECEx Member Body.

(Signature)

(Name)

(Role)

(Country)

(Date)

1. Requested scope for IECEx Certified Equipment Scheme
	1. Current standards

| Number *Add other Standards* *or later Editions* *as required* | Title  | Comments |
| --- | --- | --- |
| IEC 60079-0 Edition 7.0 | Explosive atmospheres - Part 0: Equipment - General requirements  |  |
| IEC 60079-1Edition 7.0 | Explosive atmospheres - Part 1: Equipment protection by flameproofenclosures “d” |  |
| IEC 60079-2 Edition 6.0 | Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure “p” |  |
| IEC 60079-5Edition 4.1 | Explosive atmospheres - Part 5: Equipment protection by powder filling “q” |  |
| IEC 60079-6Edition 4.1 | Explosive atmospheres - Part 6: Equipment protection by liquid immersion “o” |  |
| IEC 60079-7Edition 5.1 | Explosive atmospheres - Part 7: Equipment protection by increasedsafety "e" |  |
| IEC 60079-11Edition 7.0 | Explosive atmospheres - Part 11: Equipment protection by intrinsic safety “i” |  |
| IEC 60079-13Edition 2.0 | Explosive atmospheres - Part 13: Equipment protection by pressurized room "p" and artificially ventilated room "v" |  |
| IEC 60079-15Edition 5.0 | Explosive atmospheres – Part 15: Equipment protection by type of protection "n" |  |
| IEC 60079-18Edition 4.1 | Explosive atmospheres – Part 18: Equipment protection by encapsulation “m” |  |
| IEC 60079-25Edition 3.0 | Explosive atmospheres – Part 25: Intrinsically safe electrical systems |  |
| IEC 60079-26Edition 4.0 | Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga |  |
| IEC 60079-28Edition 2.0 | Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation  |  |
| IEC 60079-29-1Edition 2.1 | Explosive atmospheres - Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases |  |
| IEC 60079-29-4Edition 1.0 | Explosive Atmospheres – Part 29-4: Gas detectors - Performance requirements of open path detectors for flammable gases |  |
| IEC/IEEE 60079-30-1Edition 1.0 | Explosive atmospheres – Part 30-1: Electrical resistance trace heating – General and testing requirements |  |
| IEC 60079-31Edition 3.0 | Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t" |  |
| IEC TS 60079-32-1Edition 1.1 | Explosive atmospheres - Part 32-1: Electrostatic hazards, guidance(may be used for testing purposes but not for issuing an IECEx Certificate of Conformity) |  |
| IEC 60079-32-2Edition 1.0 | Explosive atmospheres - Part 32-2: Electrostatics hazards - Tests(may be used for testing purposes but not for issuing an IECEx Certificate of Conformity) |  |
| IEC 60079-33Edition 1.0 | Explosive atmospheres – Part 33: Equipment protection by special protection “s” |  |
| IEC 60079-35-1Edition 1.0 | 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 60079-35-2Edition 1.0 | Explosive atmospheres – Part 35-2: Caplights for use in mines susceptible to firedamp – Performance and other safety-related matters |  |
| IS0 80079-36Edition 1.0 | Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres – Basic method and requirements |  |
| ISO 80079-37Edition 1.0 | Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres – Non electrical type of protection constructional safety ”c” control of ignition source ”b”, liquid immersion ”k” |  |
| ISO/IEC 80079-49Edition 1.0 | Explosive atmospheres - Part 49: Flame arresters – Performance requirements, test methods and limits for use  |  |
| IEC TS 60079-39Edition 1.0 | Explosive atmospheres - Part 39: Intrinsically safe systems with electronically controlled spark duration limitation  |  |
| IEC TS 60079-40Edition 1.0 | Explosive atmospheres - Part 40: Requirements for process sealing between flammable process fluids and electrical systems |  |
| IEC TS 60079-42Edition 1.0 | Explosive atmospheres - Part 42: Electrical safety devices for the control of potential ignition sources from Ex-Equipment(may be used for testing purposes but not for issuing an IECEx Certificate of Conformity) |  |
| IEC TS 60079-46Edition 1.0 | Explosive atmospheres – Part 46 - Equipment assemblies |  |
| IEC 62784Edition 1.1 | Vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts - Particular requirements |  |
| IEC 62990Edition 1.0 | Workplace Atmospheres – Part 1: Gas detectors – Performance requirements of detector for toxic gases |  |

Note: Acceptance for the latest edition of a Standard will also enable you to issue certificates for the prior edition of the standard.

* 1. Superseded standards

The following superseded standards may form part of a body’s scope, generally for historical reasons.

| Number *Add other Standards* *as required* | Title  | Comments |
| --- | --- | --- |
| IEC 60079-27Edition 2.0 | Explosive atmospheres – Part 27: Fieldbus intrinsically safe concept (FISCO) |  |
| IEC 61241-0Edition 1.0  | Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements |  |
| IEC 61241-1 Edition 1.0 | Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosure “tD” |  |
| IEC 61241-4 Edition 1.0 | Electrical apparatus for use in the presence of combustible dust - Part 4: Protection by pressurization "pD"  |  |
| IEC 61241-11Edition 1.0 | Electrical apparatus for use in the presence of combustible dust – Part 11: Protection by intrinsic safety 'iD' |  |
| IEC 61241-18Edition 1.0  | Electrical apparatus for use in the presence of combustible dust - Part 18: Protection by encapsulation "mD" |  |
| IEC 62013-1 Edition 2.0 | Caplights for use in mines susceptible to firedamp - Part 1: General requirements - Construction and testing in relation to the risk of explosion |  |
| IEC 62013-2 Edition 2.0 | Caplights for use in mines susceptible to firedamp - Part 2: Performance and other safety-related matters |  |
| ISO 16852Edition 2 | Flame arrestors - Performance requirements, test methods and limits for use |  |
| IECEx DS2015/001A2015 10 09 | Equipment assemblies |  |

1. Standards accepted

| Number *Add other Standards* *or later Editions* *as required* | Title  | Show if accepted, including editions or amendments if different  |
| --- | --- | --- |
| IEC 60079-0 Edition 7.0 | Explosive atmospheres - Part 0: Equipment - General requirements  |  |
| IEC 60079-1Edition 7.0 | Explosive atmospheres - Part 1: Equipment protection by flameproofenclosures “d” |  |
| IEC 60079-2 Edition 6.0 | Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure “p” |  |
| IEC 60079-5Edition 4.1 | Explosive atmospheres - Part 5: Equipment protection by powder filling “q” |  |
| IEC 60079-6Edition 4.1 | Explosive atmospheres - Part 6: Equipment protection by liquid immersion “o” |  |
| IEC 60079-7Edition 5.1 | Explosive atmospheres - Part 7: Equipment protection by increasedsafety "e" |  |
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| IEC 60079-26Edition 4.0 | Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga |  |
| IEC 60079-28Edition 2.0 | Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation  |  |
| IEC 60079-29-1Edition 2.1 | Explosive atmospheres - Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases |  |
| IEC 60079-29-4Edition 1.0 | Explosive Atmospheres – Part 29-4: Gas detectors - Performance requirements of open path detectors for flammable gases |  |
| IEC/IEEE 60079-30-1Edition 1.0 | Explosive atmospheres – Part 30-1: Electrical resistance trace heating – General and testing requirements |  |
| IEC 60079-31Edition 3.0 | Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t" |  |
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| IEC 60079-35-1Edition 1.0 | 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 60079-35-2Edition 1.0 | Explosive atmospheres – Part 35-2: Caplights for use in mines susceptible to firedamp – Performance and other safety-related matters |  |
| IS0 80079-36Edition 1.0 | Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres – Basic method and requirements |  |
| ISO 80079-37Edition 1.0 | Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres – Non electrical type of protection constructional safety ”c” control of ignition source ”b”, liquid immersion ”k” |  |
| ISO/IEC 80079-49Edition 1.0 | Explosive atmospheres - Part 49: Flame arresters – Performance requirements, test methods and limits for use  |  |
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| IEC TS 60079-40Edition 1.0 | Explosive atmospheres - Part 40: Requirements for process sealing between flammable process fluids and electrical systems |  |
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| IEC TS 60079-46Edition 1.0 | Explosive atmospheres – Part 46 - Equipment assemblies |  |
| IEC 62784Edition 1.1 | Vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts - Particular requirements |  |
| IEC 62990Edition 1.0 | Workplace Atmospheres – Part 1: Gas detectors – Performance requirements of detector for toxic gases |  |

1. Overall Organisation Chart
2. Organisation Chart of ExCB
3. National Differences

If not already provided, include national differences here or as a separate document.