

IECEX Equipment Certification Mark Licensing

**Chris Agius – IECEx
Executive Secretary +
Mr. Li Jiang – Warom
Technologies**

A Manufacturer's viewpoint - WAROM

Distinguished guests, ladies and gentlemen :

- Good afternoon !
- It's my honour to meet you here !
- On behalf of WAROM Science and Technology Incorporated Company in China,

I would like to share with you here some issues on IECEx certification.

A Manufacturer's viewpoint - WAROM



- Nearly 30 years history.
- Specializing in the production of explosion-proof light fittings, explosion-proof electric apparatus and explosion-proof pipe fittings, etc
- 2,500 employees, sales in 2013 reach \$300 million
- WAROM is currently preparing for public listing(IPO) in Shanghai Stock Exchange

A Manufacturer's viewpoint - WAROM

Up to now, WAROM has obtained about 100 IECEx certificates, including explosion-proof light fittings, explosion-proof electrical boxes, explosion-proof pipe fittings and so on.

- WAROM is now working out of China and stepping forward into the international market – IECEx is an essential tool for WAROM to participate in the International market
 - Provides 1 single International Certificate
 - Provides Passport thru mutual recognition
- A further benefit – IECEx requirements have helped WAROM to improve its internal process to improve efficiency and reliability
- WAROM supports IECEx and actively participates in the IECEx Marks Committee.

Terminology can be confusing

“CONFORMITY ASSESSMENT”

INTERNATIONAL
STANDARD

ISO/IEC
17000

NORME
INTERNATIONALE

First edition
Première édition
Первое издание
2004-11-01

МЕЖДУНАРОДНЫЙ
СТАНДАРТ

Conformity assessment — Vocabulary
and general principles

Évaluation de la conformité —
Vocabulaire et principes généraux

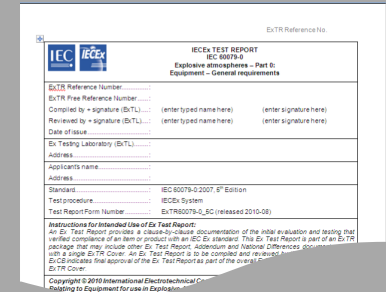
Оценка соответствия. Словарь и
общие принципы

nt

Testing v Certification

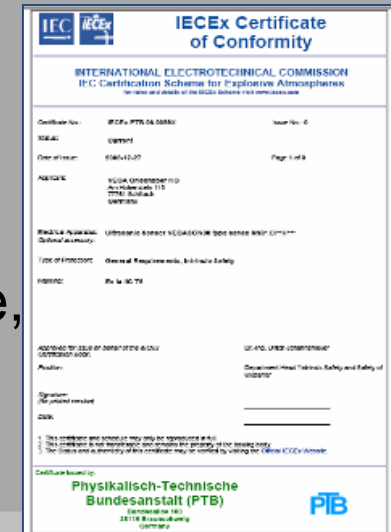
Test Report:-

- What Information is being conveyed by a Test Report?
- Who is the legal owner of the Test Report?
- Should an End User have free access to a Test Report, how?
- How long is a test report Valid, after its issue?



Certificate of Conformity (third Party according to ISO/IEC Guide 67)

- What Information is being conveyed by a Certificate?
- Who is the legal owner of the Certificate?
- Should an End User have free access to a Certificate, how?
- How long is a Certificate Valid, after its issue?



ISO 9001 Certification alone?

INTERNATIONAL
STANDARD

ISO
9001

Fourth edition
2008-11-15

Quality management systems —
Requirements

Systèmes de management de la qualité — Exigences

Situation 1:

A manufacturer of Ex Equipment holds ISO 9001 Certification alone.

Question: Does this provide confidence that Ex equipment meets IEC 60079 series Standards?? **Y/N**

Situation 2:

An Ex Repairer holds ISO 9001 Certification alone.

Question: Does this provide confidence that Ex equipment repairs comply with IEC 60079-19?? **Y/N**

ISO 9001 Control of Records

4.2.4 Control of records

Records established to provide evidence of conformity to requirements and of the effective operation of the quality management system shall be controlled. The organization shall establish a documented procedure to define the controls needed for the identification, storage, protection, retrieval, retention and disposition of records.

Records shall remain legible, readily identifiable and retrievable

Housing Construction



Common Elements to Building Construction:

INTERNATIONAL STANDARD

ISO 9001

Fourth edition
2008-11-15

Quality management systems — Requirements

Systèmes de management de la qualité — Exigences

IECEX Overview



All IECEx Certificates available "On-Line" – Full Transparency



Standard Procedures + Rules



Standard Reporting formats



Logo + Mark



IECEX Logo versus IECEX Mark

IECEX Logo



Used by Members of IECEX
Committees + Certification Bodies
(ExCBs) and Test Labs (ExTLs)

Maybe used by Companies and
Individuals Holding IECEX
Certification refer IECEX 01B

DOES NOT appear on products

IECEX Mark



Acts as a “Mark of Conformity”
Used by Manufacturers to place
on their products, product
packaging and promotion –
Requires a license agreement -
refer IECEX 04A

DOES appear on products



INTERNATIONAL ELECTROTECHNICAL COMMISSION SYSTEM FOR CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR USE IN EXPLOSIVE ATMOSPHERES (IECEX SYSTEM)

- Publications ▾
- Members' Area ▾
- Certificates & Licences ▾
- Meetings & Events ▾
- Contact
- Home

- IECEX Rules
- News Release: Bulletin
- Standards
- Guides
- Explosions: IECEX, UN conference
- Preventing: IECEX certification provides high level of protection
- Operational (OD) NC
- ExTAG Decisions
- Application Forms



IECEX

IECEX is the IEC System for Certification to Standards Relating to Equipment for Use in Explosive Atmospheres. It uses quality assessment specifications that are based on International Standards prepared by the International Electrotechnical Commission (IEC).

[Find out more about IECEX](#)

Mining: A high-risk activity

IECEX ensures protection and safety for Ex equipment and workforce

Competitive advantages

IECEX present at Australasian Oil and Gas Exhibition and Conference

IECEX launches first mobile app

to show international certificates for equipment used in explosive atmospheres

IECEX-AFSEC seminar in Africa

Quick Links

- IECEX Certificates and Licences
- Certification Bodies (ExCBs) - Equipment
- Certification Bodies (ExCBs) - Service Facilities
- Certification Bodies (ExCBs) - Certified Persons
- Certification Bodies (ExCBs) - Conformity Mark
- ExTAG Decision Sheets List
- IEC TC31 & IECEX Meeting Schedule

Featured




IECEX systems endorsed by UNECE



IECEX mobile apps

Publications

- Rules
- Bulletin
- Standards
- Guides
- Operational (OD)
- ExTAG Desisions
- Application 

IECEX Guides

To assist in a common understanding of the aims, objectives and procedures of the IECEX System, the IECEX Secretariat maintains various guidance documents.

The list below provides the official versions of these documents

IECEX 01A An Informative Guide comparing various elements of both IECEX and ATEX	Edition 1 August 2008
IECEX 01B Guidance for the use of the IECEX Logo	Edition 1 October 2011
IECEX 02A Guidance for Applicants seeking IECEX Certification under the IECEX Certified Equipment Scheme, IECEX 02	Edition 2 October 2011
IECEX 03A Guidance for Applications from Service Facilities seeking IECEX Certification, IECEX 03	Edition 1 August 2008
 IECEX 04A Guidance for making applications for and use of IECEX Conformity Mark IECEX 04 (1.7MB)	Edition 1 July 2008
IECEX 05A Guidance and Instructions for Applicants to obtain a Certificate of Personnel Competence (CoPC)	Edition 1 July 2011

IECEX Logo - Guide



IECEX 01B

Edition 1.0 2011-10

IECEX PUBLICATION

**IEC System for Certification to Standards relating to Equipment for use
in Explosive Atmospheres (IECEX System)**

Guidance for the use of the IECEX Logo


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3 Use of the IECEx Logo

3.1 General

 The IECEx Logo shall only be used in accordance with instructions provided. It shall not be used in such a manner that compromises the integrity of the IEC, the IECEx or its members.


3.2 Who may use the IECEx Logo

The IECEx Logo may be used by the following:


- IECEx Certification Bodies (ExCBs) and Testing Laboratories (ExTLs)
- IECEx Certified Equipment manufacturers
- IECEx Service providers (e.g. Repair facilities)
- IECEx Certified Personnel

Any variation to the above shall require permission for the use of the IECEx Logo from the IECEx Secretariat.

3.3 Where may the IECEx Logo be used

 The IECEx Logo may be used on or with the following provided that it relates only to equipment and services covered by IECEx Certification, i.e. there is no inference that equipment, services or personnel are IECEx certified when they are not:

- Brochures
- Websites
- Formal reports by,
 - Certified Service Facilities; and
 - Certified Personnel, provided that the IECEx Certificate number is associated with the Logo on reports
- Training or promotional presentation material, only with prior approval from the IECEx Secretariat other than for organizations covered by IECEx Certification. Approval to use the IECEx Logo on training material does not constitute endorsement of the training material by the IECEx

 Special care needs to be taken when a brochure or website contains a list of products where some may be covered by an IECEx Certificate of Conformity and some are not.

IECEX Logo – Guide: Where not to be used

3.4 Where shall the IECEx Logo not be used

The IECEx Logo shall not explicitly be used on the following:

- On IECEx Certified Equipment or IECEx Repaired Product including equipment packaging or any product markings
- On business cards, other than those of IECEx ExMC appointed ExCBs, ExTLs, IECEx Executive and Secretariat
- On letterheads/company stationery, other than those of IECEx ExMC appointed ExCBs, ExTLs, IECEx Executive and Secretariat

IECEX Mark of Conformity - Guide



IECEX 04A

Edition 1.0 2008-07

IECEX PUBLICATION

**IEC System for Certification to Standards relating to Equipment for use
in Explosive Atmospheres**

**Guidance for making applications for and use of IECEX Conformity Mark,
IECEX 04**

IECEX Mark of Conformity

IECEX 04A © IEC:2008(E)

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5 IECEX Conformity Mark

5.1 Master symbol for photographic reproduction

The Mark includes the IEC logo and an Identification Code to identify both the License Number and the Certification Body which has granted the License to use the Mark.

The IECEX Conformity Mark, complete with Identification Code (see Figure 1 for an example without Identification Code), is available from the IECEX Conformity Mark License issuing ExCBs. The IECEX Conformity Mark provided by the ExCBs may be used for photographic reproduction.



Area for Identification Code issued by the ExCB to Licensee

Figure 1 – The IECEX Conformity Mark

IECEX

REMEMBER

IECEX is Industry's International Compliance Tool. It is there for you to use just like Manufacturers such as WAROM and end users like PETRONAS and the Ex Repair Workshops holding IECEX Certification.

Thank you

Questions