

2024 IECEX INTERNATIONAL CONFERENCE

PROGRAMME

IEC System for Certification to Standards Relating to
Equipment for Use in Explosive Atmospheres (IECEX)

Safety of Equipment, Services and Personnel in Explosive Atmospheres

Split, Croatia – 14th & 15th March 2024

Hotel Le Méridien Lav

HOSTED AND ORGANISED BY



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To meet the world's ever-increasing energy demand, the oil and gas industry and associated sectors have built larger and more complex installations for extraction, processing and distribution, and made higher and higher capital investment. To protect this investment and the persons working in and around these installations, compliance with international safety standards is paramount.

The IEC (International Electrotechnical Commission) has long been involved in developing International Standards for equipment used in hazardous areas. Set up in 1946, IEC Technical Committee (TC) 31: Equipment for explosive atmospheres, has a complete series of International Standards that cover all specific requirements for Ex equipment and systems, from general requirements to protection levels for apparatus used by all sectors that operate in hazardous environments, such as oil refineries, offshore oil rigs, gas plants, shipyards, mines, pharmaceuticals, cosmetics, food production, wood, paper, textile and many other industry specific sectors.

All sectors of the Ex industry have embraced IEC International Standards but producing equipment based on Ex standards is not enough.

Most manufacturers, suppliers and end-users trade on the global scene and have to meet the very strict requirements put in place by national regulations and legislation – proving their adherence to those requirements can be both costly and time-intensive.

To provide a global and credible means of ensuring compliance with its International Standards, the IEC established the IECEx System for Certification to Standards Relating to Equipment for Use in Explosive Atmospheres.

Since its inception in 1996, IECEx has established a number of Schemes that provide assurance that equipment and systems are manufactured and operated according to the highest international standards of safety in the areas of:

- **Equipment** by the IECEx Certified Equipment Scheme
- **Services** by the IECEx Certified Service Facilities Scheme
- **Personnel competence** by the IECEx Certification of Personnel Competence Scheme (CoPC)

Through 116 IECEx approved Ex Certification Bodies (ExCBs) and 73 IECEx approved Testing Laboratories (ExTLs) in 36 countries, IECEx certification has become the world's single best practice for demonstrating compliance with International Standards. Its credentials include acceptance by end-users – Oil and Gas producers, mining, transportation and many more – and also the recent formal endorsement by the United Nations, through the UN Economic Commission for Europe (UNECE), as the recommended model for regulating the safety of equipment and persons working in areas where the potential for an explosive atmosphere may exist. More information about this endorsement and the application of the UNECE CRA as a basis for local regulation of hazardous areas containing explosive atmospheres can be found @ <https://www.iecex.com/information/partner-organisations/unece-2/>

The purpose of this one day Symposium is to provide attendees with latest information concerning:-

- Regulatory and Infrastructure requirements in the EU as they apply to the installation and use of Ex equipment and installations
- Updates concerning international standards and best practice
- Updates concerning an international approach to Testing and Certification used for Compliance verification
- Opportunities arising from increased use of Hydrogen Technologies

2024 IECEx Industry Conference – Split, Croatia

On behalf of the IEC and the Croatian Standards Institute, Fiditas (IEC SC 31J Secretariat and IECEx Member Body for Croatia), are organizing the 2024 IECEx International Conference in Podstrana near Split, Croatia on 14th & 15th March 2024. This is an extension of the very successful IECEx event in April 2018 and we hope to build on this success and to expand the awareness of IECEx in the region.

A great networking opportunity

The two half day event is a unique opportunity for industries in the region to not only become better acquainted with IECEx and find out how they can best benefit from the services the System provides, but also to get involved and form precious contacts and networks within the Ex community of experts.

World experts share experience and knowledge

The conference will bring together experts from all over the world, involved in international standardization, equipment manufacturing, inspection, maintenance, repair and overhaul of Ex equipment and systems, and the assessment and certification of personnel competence. Issues concerning requirements and regulations in the region will also be covered.

Through their presentations and direct contact with participants, these experts will be able to share their experience and detailed knowledge on all matters pertaining to the Ex field, such as plant design, principles and practical applications of area classification, installation, inspection, maintenance and repair in compliance to IEC International Standards. They will answer questions, provide advice and give valuable information to anyone involved in the Ex sector.

Practical information

Admission to the Conference is **FREE** with all registered Attendees receiving an official “**IECEx Certificate of Attendance**”.

To reserve your place for this important event please visit the IECEx website www.iecex.com, or for further information please send all enquiries to rego@iecex.com

Requests for Invitation Letters for Visa applications and any other local assistance, please contact Marino Kelava at marino.kelava@fiditas.com, the IECEx Conference host.

CONFERENCE PROGRAMME & SCHEDULE

DAY #1	14th March 2024
12:00 noon – 1:00 PM	Registration
1:00 – 1:10 PM	Welcoming remarks Mr Igor Božičević, Croatian Standards Institute
1:10 – 1:30 PM	Opening Address / Key Note Speech Mr Marino Kelava, Fiditas – Conference host
1:30 – 1:50 PM	Overview of the IECEx International Certification System Mr Mark Amos – IECEx Secretariat
1:50 – 2:00 PM	UNECE Common Regulatory Arrangement related to IECEx Video presentation provided by United Nations Economic Commission for Europe (UNECE)
2:00 – 2:30 PM	Ex regulation in Croatia Mr Dario Dragojević – Croatian Ministry of the Interior
2:30 – 2:50 PM	Coffee/Tea break
2:50 – 3:30 PM	Area Classification with update on End User International Standards Principles and Practices according to IEC 60079 series from IEC SC31J Mr Marino Kelava, Fiditas & Secretary IEC SC 31J
3:30 – 4:20 PM	Selection, Installation and Inspection of Ex Equipment Practical approach to Ex installations according to the requirements of IEC 60079-14 and the inspection requirements of IEC 60079-17 Mr Peter Thurnherr – thuba & Chair IECEx Services Facility Scheme Committee
4:20 – 4:50 PM	Explosion Risks in Cement Production – Case Study Mr Pero Knezović – CEMEX Hrvatska
4:50 – 5:30 PM	Ex Equipment Repair Standard Ex Equipment overhaul and repair Mr John Allen – Sheppard Engineering & Chair IECEx Personnel Competence Scheme Committee
5:30 - Close	Networking Reception
DAY #2	15th March 2024
9:00 – 9:20 AM	International Standards update Current status of International Standards covering the Ex sector Mr Martin Thedens, PTB, IEC TC31 Chais
9:20 – 10:00 AM	Opportunities arising from the Hydrogen Industry Dr Thorsten Arnhold, R. STAHL & IECEx Immediate Past Chairman
10:00 - 10:30 AM	IECEx System – The IECEx and its three Schemes covering equipment, services and personnel competence: Mr Mark Amos, IECEx Secretariat
10:30 – 11:00 AM	Coffee/Tea break
11:00 – 11:45 AM	Open Forum Provided as an opportunity for attendees to raise questions concerning Ex aspects and IECEx
11:50 - 12:00 Noon	Closing Remarks

To reserve your place for this important event, please contact the IECEx Secretariat at rego@iecex.com