

The IECEx Certified Services Facility Scheme – *an introduction*



Mark Amos
Business Manager
IECEX Secretariat

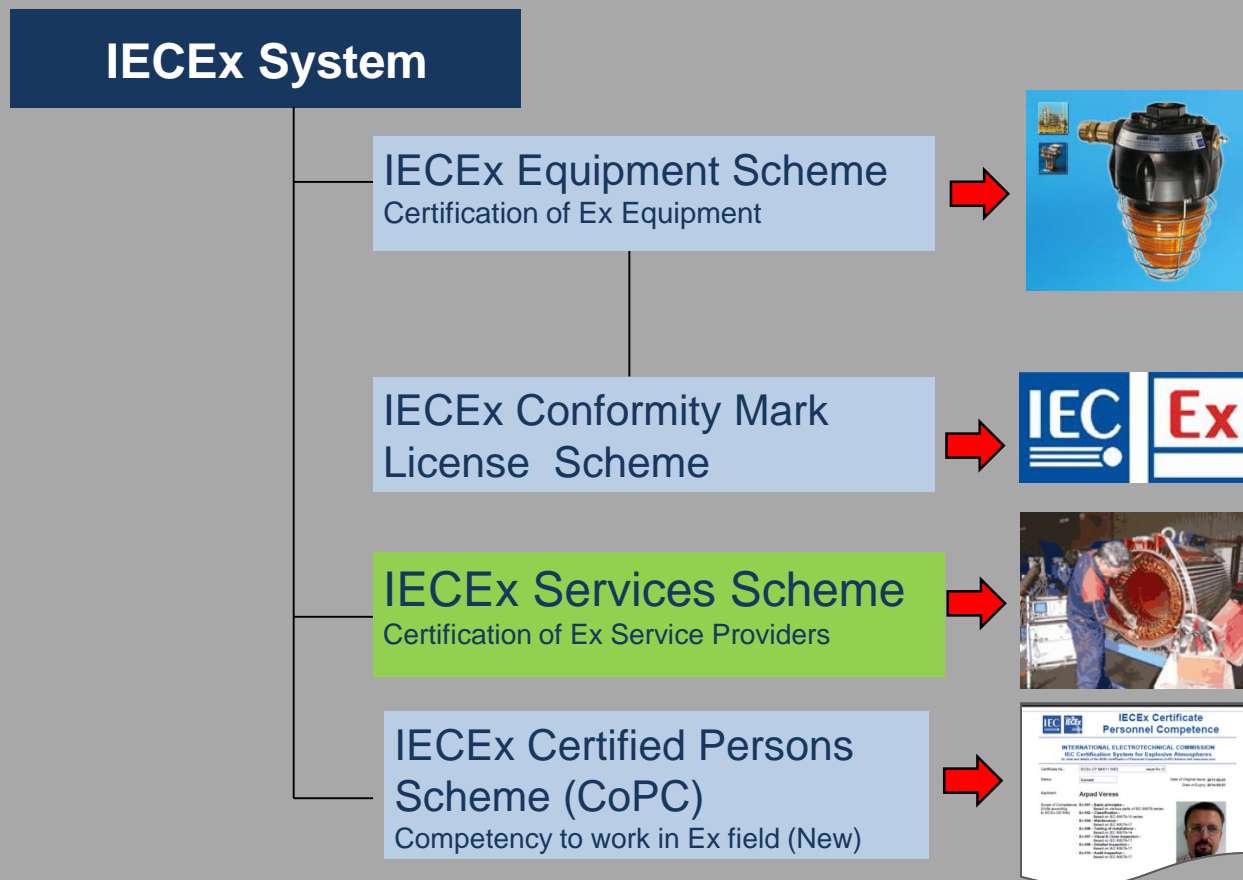
SUMMARY

- What is IECEx Certification
- Why use an IECEx Certified Service Facility
- IECEx Certified Service Facility Scheme foundations and elements
- Standards and specifications
- How to find an IECEx Certified Service Facility
- How to get your facility certified

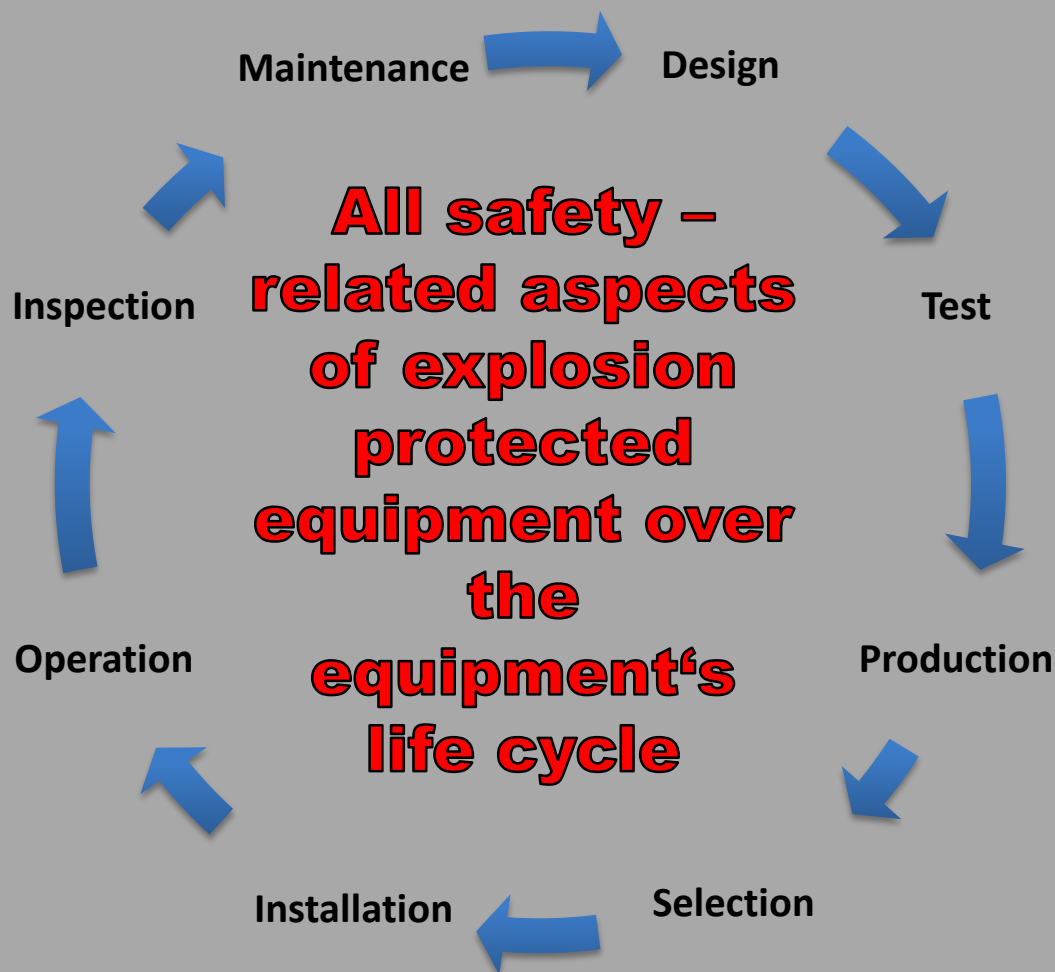
SUMMARY

- What is IECEx Certification

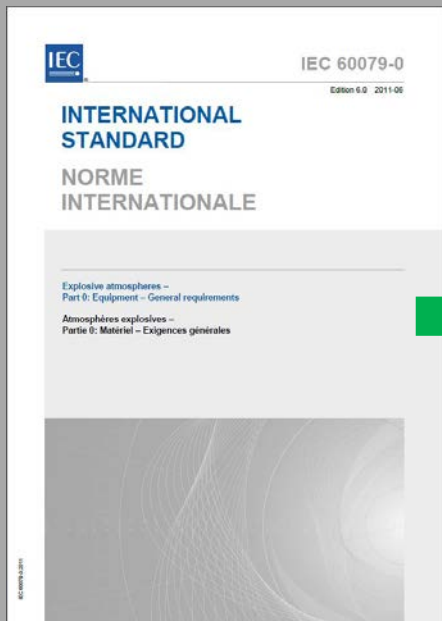
IECEx System Schemes



Scope of IECEx Schemes

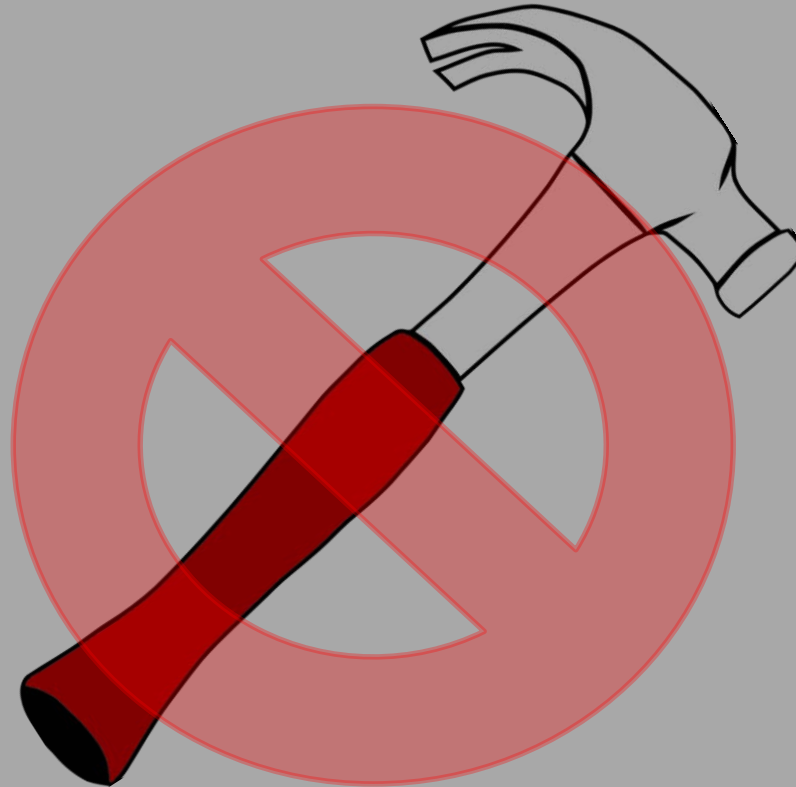


Application of IECEx Schemes ...



... to ensure design, test and production according to specifications (law, directives, standards etc.)

Application of IECEx Schemes ...



... to enable selection of the appropriate product – “fit for purpose”

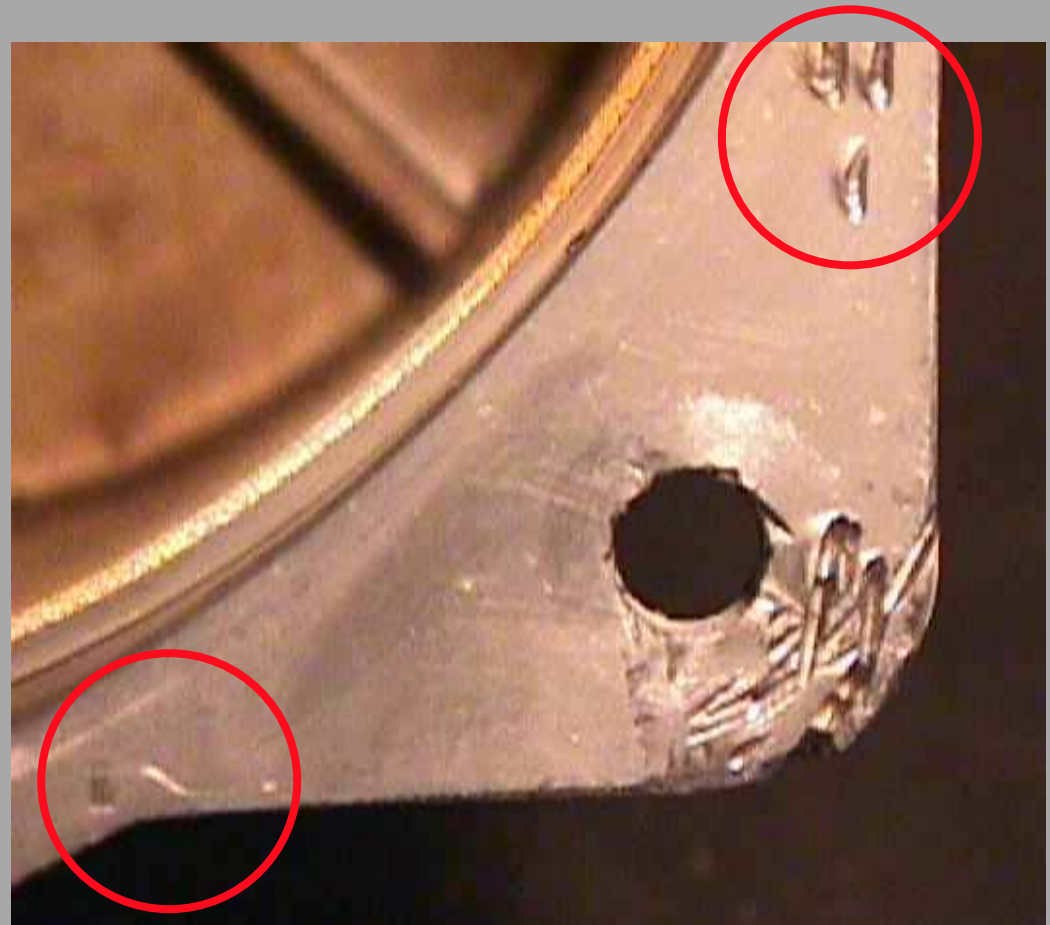
Application of IECEx Schemes ...



***“Enthusiastic
amateurs”***

...to ensure correct operation by competent operators

Application of IECEx Schemes ...



...to avoid these through awareness and competence

Application of IECEx Schemes ...



... to ensure correct installation, repairs and maintenance.

SUMMARY

- What is IECEx Certification
- Why use an IECEx Certified Service Facility

Why use an IECEx Certified Service Facility ...

How do **YOU**, as a user, or repairer, of Ex Equipment know that your current Service Facility is providing services in accordance to the requirements of IEC 60079 series Standards and returning your Ex Equipment in a condition that is safe for use ?

International Standards provide “agreed technical requirements” **BUT** to be effective these “agreed technical requirements” need to be understood and applied in a uniform or standardised manner

Publication of and knowledge of International Standards does NOT ensure standardisation on its own – so how do **YOU** know ?

Why use an IECEx Certified Service Facility ...

What evidence does **YOUR** current Service Facility provide to prove that it is overhauling and repairing Ex Equipment correctly ?

REMEMBER that health & safety legislation in most countries make the employer responsible for safety of employees and the safety of work equipment

So what is **YOUR** defence in the case of accidents arising from equipment defects after installation ?

Why use an IECEx Certified Service Facility ...

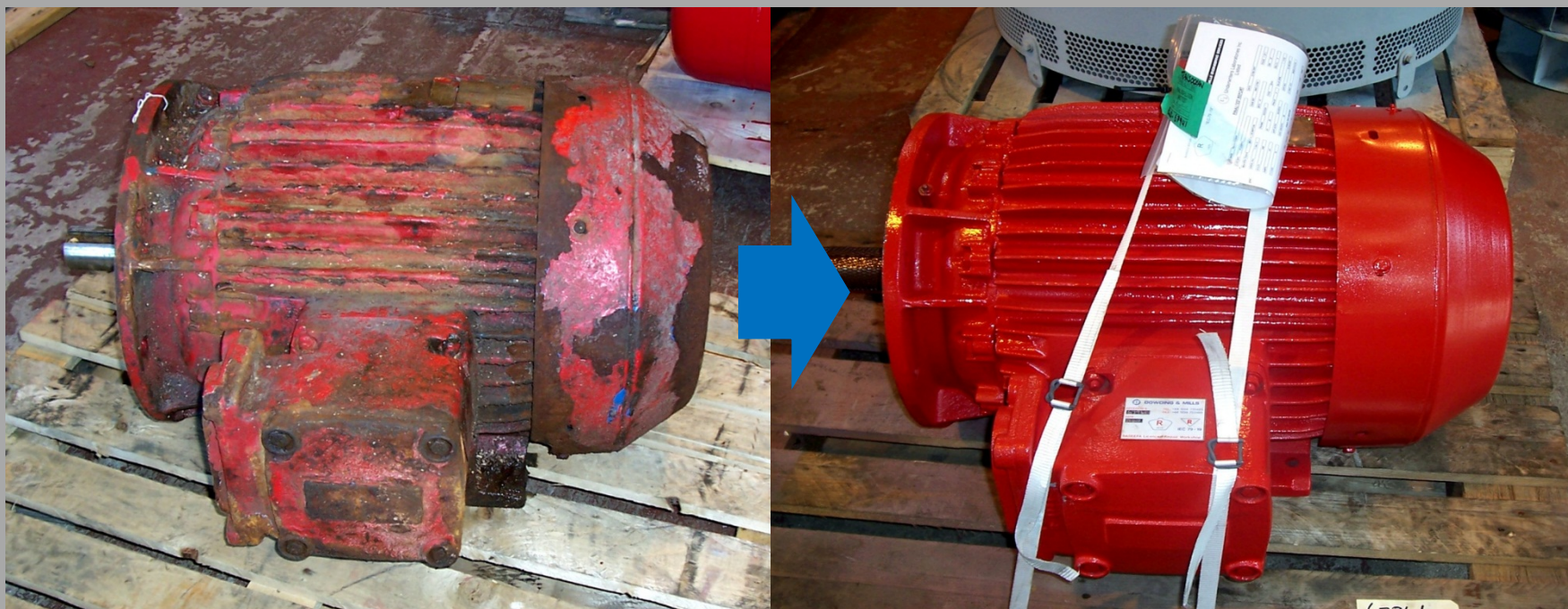
To provide YOU with confidence in the capability of providers of:

- *Design*
- *Selection*
- *Installation*
- *Inspection*
- *Maintenance*
- *Repair*
- *Overhaul*
- *Reclamation*

services for your Ex equipment



Why use an IECEx Certified Service Facility ...



SUMMARY

- What is IECEx Certification
- Why use an IECEx Certified Service Facility
- IECEx Certified Service Facility Scheme foundations and elements

IECEx Certified Service Facility Scheme - *elements*

People



- Knowledge
- Skills
- Experience
- Training

Technical



- Machinery
- Measurement
- Calibration

Quality

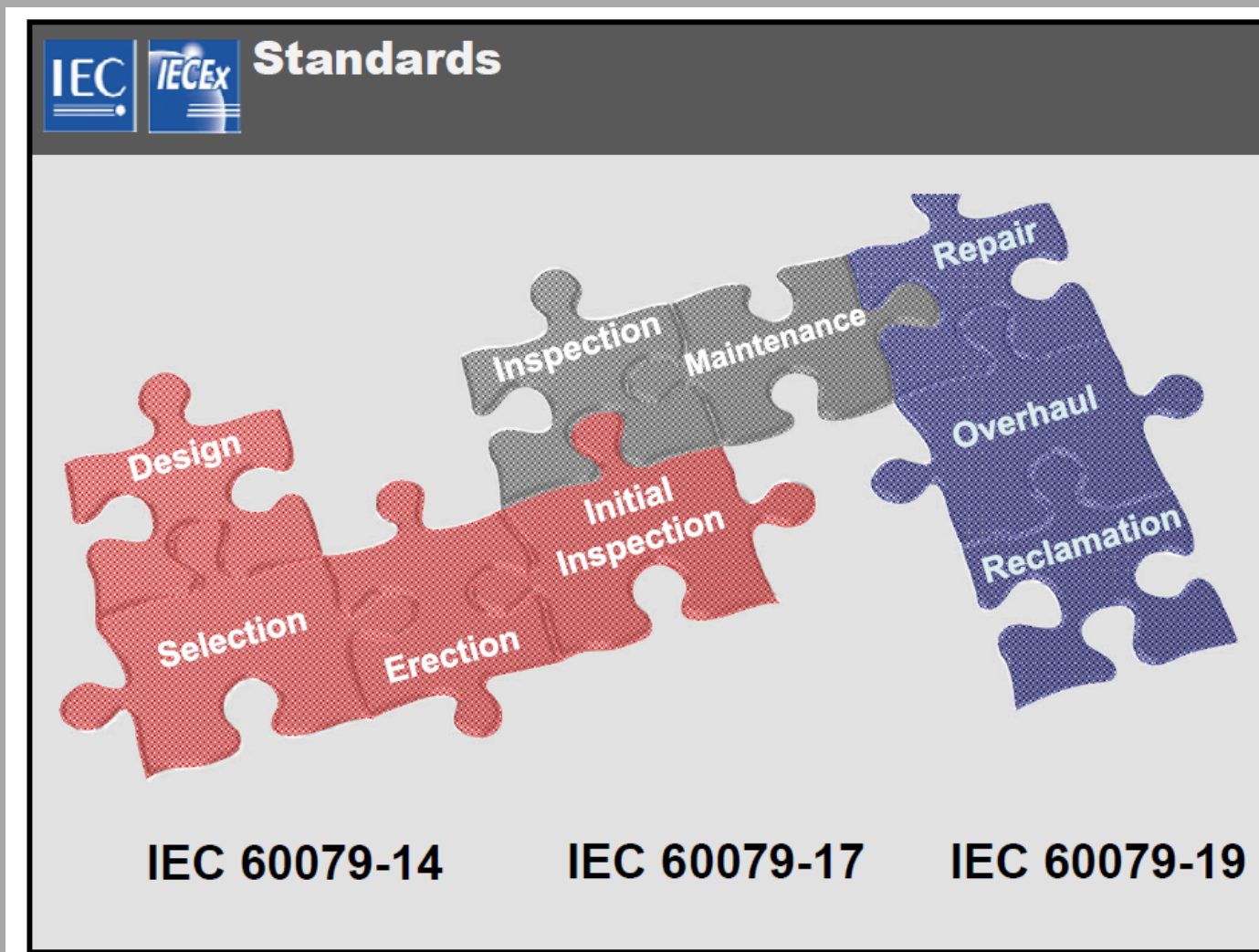


- Quality Management
- Commitment

SUMMARY

- What is IECEx Certification
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- IECEx Certified Service Facility Scheme foundations and elements
- **Standards and specifications**

Standards and specifications



Source: Peter Thurnherr

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Finding an IECEx Certified Service Facility

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

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News Releases

Minimizing risks
IECEx ensures the safety of personnel and equipment in fossil fuel extraction

Exploding silos
Staple support from IECEx

Knowledge supports safety in Ex areas
Chris Agius presents at the ATEX Forum in Denmark

Preventing dust explosions
IECEx certification provides high level of protection

Change under the surface
IECEx updates its digital presence

Restricting the blaze
Thorsten Arnhold becomes IECEx Chairman

IECEx Poland 2015
Gdansk, 22-23 April 2015

The IEC and IECEx, together with Urząd Dozoru Technicznego (UDT), in conjunction with UNECE, are organizing the 2015 IECEx International Conference in Gdańsk, Poland on 22+23 April 2015.

[More information from the conference website](#)

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[Certification Bodies \(ExCBs\) - Service Facilities](#)

[Certification Bodies \(ExCBs\) - Certified Persons](#)

[Certification Bodies \(ExCBs\) - Conformity Mark](#)

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IECEx 2015 International Conference, Gdansk, Poland

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Certificates & Licenses

[View Certificates & Licenses](#)

[Certified Ex Equipment](#)

[Certified Service Facilities](#)

[Certified Persons](#)

[Conformity Mark License](#)

[Mobile App.](#)

Meetings of the IECEx System 2015

Christchurch, New Zealand, 14-18 September 2015

In 2015 the IECEx event will be organised by Standards New Zealand and will take place in Christchurch, New Zealand.

[More information from the meeting website](#)

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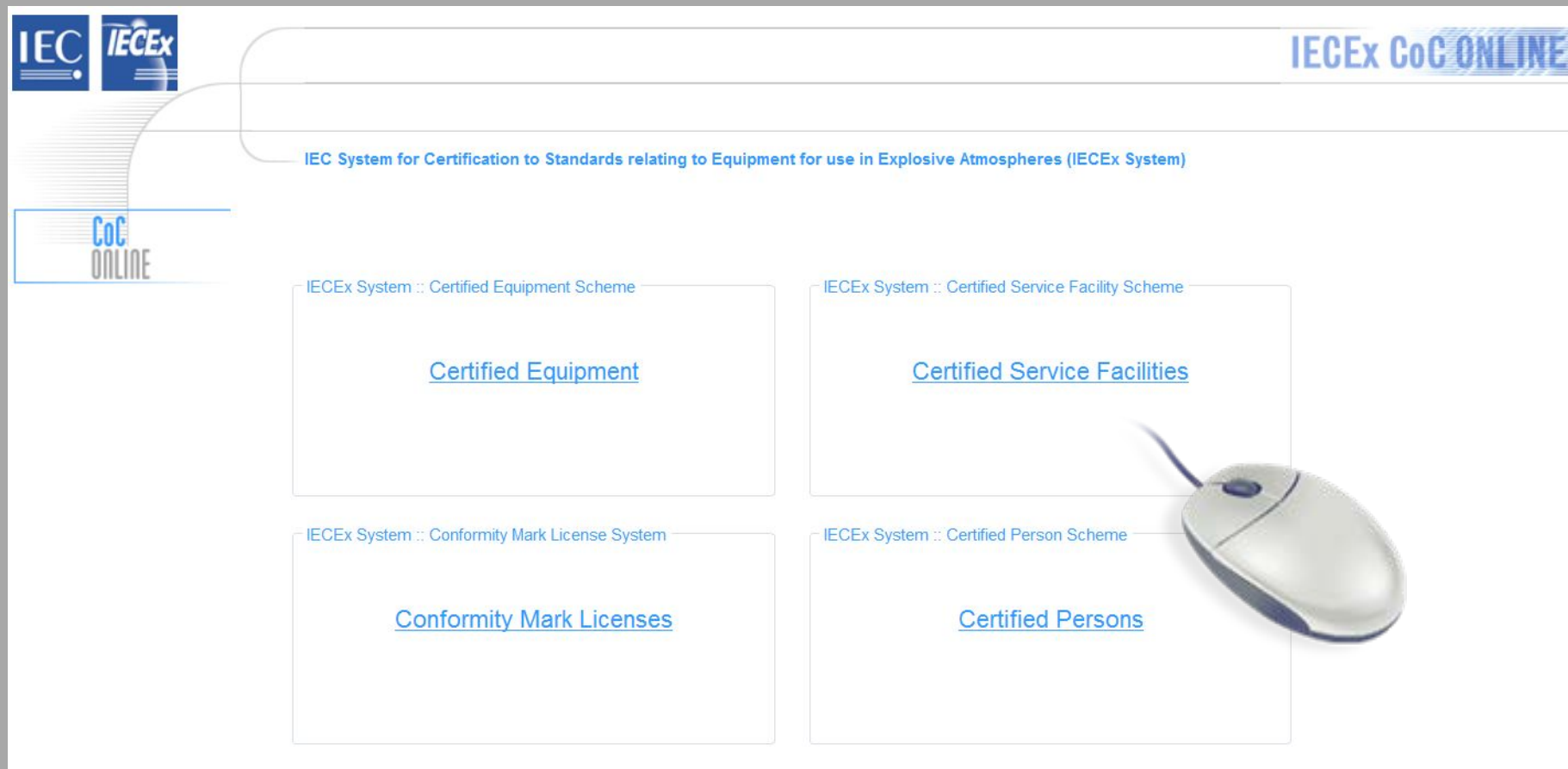
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Finding an IECEx Certified Service Facility



Finding an IECEx Certified Service Facility – *by location*




an IECEx Guest User | ExCB Log

IECEx Certified Service Facility

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

[IECEx CoC Home](#) > [Certified Service Facility Scheme](#) > Listing

View by **Applicant Location** : (All)

Previous Page | Next Page | First Page | Last Page | Expand | Collapse

(Selection: **All** | Australia | Belgium | Denmark | Germany | Ireland | Korea, Republic Of | Malaysia | Norway | Qatar | Singapore | Slovenia | Switzerland | Thailand | The Netherlands | United Arab Emirates | United Kingdom | United States Of America)

Country / Location	Name	Certificate No	Issue Date	Service Type
⊕ Australia		12		
⊕ Belgium		1		
⊕ Denmark		3		
⊕ Germany		5		
⊕ Ireland		1		
⊕ Korea, Republic Of		4		
⊕ Malaysia		14		
⊕ Norway		1		
⊕ Qatar		2		
⊕ Singapore		13		
⊕ Slovenia		2		
⊕ Switzerland		4		
⊕ Thailand		10		
⊕ The Netherlands		62		
⊕ United Arab Emirates		1		
⊕ United Kingdom		27		
⊕ United States Of America		1		
		163		

ieccx.iec.ch:

- Home / Search
- Certified Equipment
- Conformity Mark Licenses
- Certified Persons

View by:

- "All ExCBs" Certificates
- Certificate ref. number
- IECEx Cert. Body (ExCB)
- Applicant
- Applicant Location
- FARs

Services:

- Export to MS Excel
- Operational Manual



SUMMARY

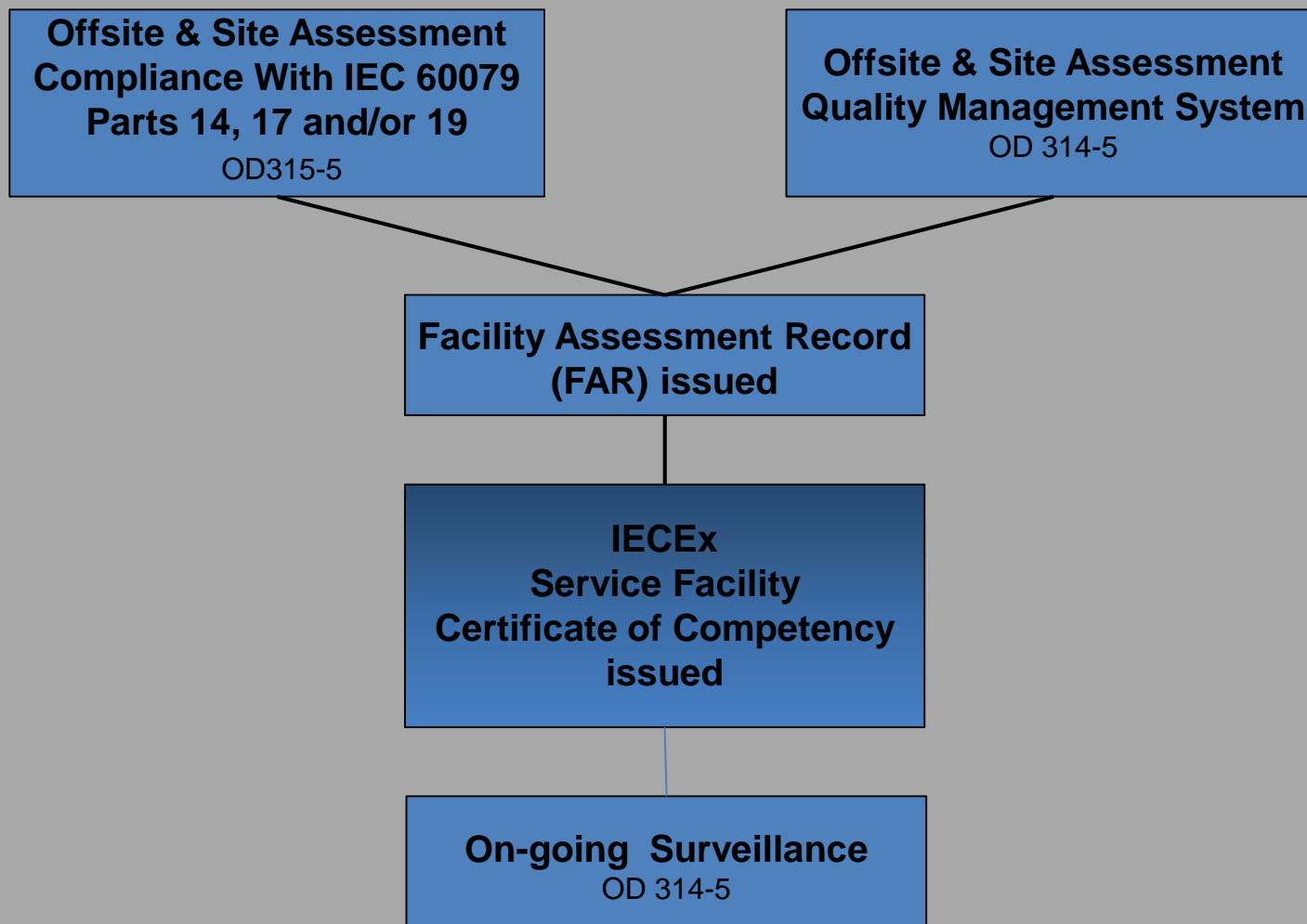
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IECEx Certification of your Service Facility


An IECEx Certified Service Facility needs to have:-

- A documented quality management system
- Documented process controls
- Effective control of processes
- Control systems for any sub-contractors
- Effective control of measurement & test equipment with traceability to International Standards
- Sufficient plant & equipment to process Ex Equipment in scope
- Competent Operatives & Responsible Persons

IECEx Certification of your Service Facility – *the process*



IECEx Certification of your Service Facility – *more info*



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IECEx Rules

News Release Bulletin

Standards

Guides

Minimizing IECEx ensures equipment in

Operational (OD)

ExTAG Decisions

Exploding Application Forms

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IECEx Certification of your Service Facility – *more info*

Scheme Rules	Rules of Procedure for
IECEX 03-1	Area Classification Service
IECEX 03-2	Selection of Ex equipment & design of Ex installation
IECEX 03-3	Ex Installation & initial inspection
IECEX 03-4	Ex inspection & maintenance
IECEX 03-5	Repair, overhaul & reclamation of Ex Equipment

IECEX Certification of your Service Facility – *more info*

Certified Service Facility Scheme				
OD 316- 5	130819	Service	N	IECEX Certified Service Facilities Scheme – Part 5: Repair, overhaul and reclamation of Ex equipment Assessment procedures for IECEX acceptance of Candidate Certification Bodies (ExCBs) for the purpose of issuing IECEX Certificates to Ex Service Facilities involved in the repair, overhaul and reclamation of Ex equipment (1 MB)
OD 316-4	130819	Service	N	IECEX Certified Service Facilities Scheme – Part 4: Ex inspection and maintenance Assessment procedures for IECEX acceptance of Candidate Certification Bodies (ExCBs) for the purpose of issuing IECEX Certificates to Ex Service Facilities providing Ex installations related services (1 MB)
OD 316-3	130819	Service	N	IECEX Certified Service Facilities Scheme – Part 3: Ex installation and initial inspection Assessment procedures for IECEX acceptance of Candidate Certification Bodies (ExCBs) for the purpose of issuing IECEX Certificates to Ex Service Facilities providing Ex installation and initial inspection service IECEX (1 MB)
OD 316-2	130819	Service	N	IECEX Certified Service Facilities Scheme – Part 2: Selection of Ex equipment and design of Ex installations Assessment procedures for IECEX acceptance of Candidate Certification Bodies (ExCBs) for the purpose of issuing IECEX Certificates to Ex Service Facilities providing selection of Ex equipment and design of Ex installations related services (1 MB)
OD 315-5	130819	Service	N	IECEX Certified Service Facilities Scheme – Part 5: Repair, overhaul and reclamation of Ex equipment Additional requirements for IECEX Service Facilities involved in the repair, overhaul and reclamation of Ex equipment (1 MB)
OD315-5	140814	Service	N	IECEX Certified Service Facilities Scheme – Part 5: Repair, overhaul and reclamation of Ex equipment Additional requirements for IECEX Service Facilities involved in the repair, overhaul and reclamation of Ex equipment (1 MB)

IECEx Certification of your Service Facility – *more info*

The IECEx Service Facility **Certificate of Conformity** enables the Ex Equipment User to have confidence that robust systems are in place and monitored, within the Service Facility, to ensure that their Ex equipment will be serviced in conformance with the relevant IEC 60079 series Standards to the certification status as agreed with the Service Facility and that the equipment will be safe to return to service

The validity and status of any IECEx Service Facility Certificate of Conformity can be checked on-line at www.iecex.com or with the new IECEx Mobile Device “App” to be released soon

CONCLUSIONS

When you use an IECEx Certified Service Facility you have:

- On-line evidence that they are still assessed as competent
- Clear evidence of type of equipment for which they have been assessed as competent in the scope
- The assessment process has been approved by IECEx
- The status of equipment after repair will have been agreed
- The service facility Responsible Person will have signed a job report sent with the repaired equipment verifying status

... in effect you will have done everything practicable to ensure that the serviced Ex Equipment is safe to use

Thank you

Mark Amos

Business Manager

IECEX Secretariat

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Website: www.iecex.com