INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

IECEx
On-Line Certificate System
Update
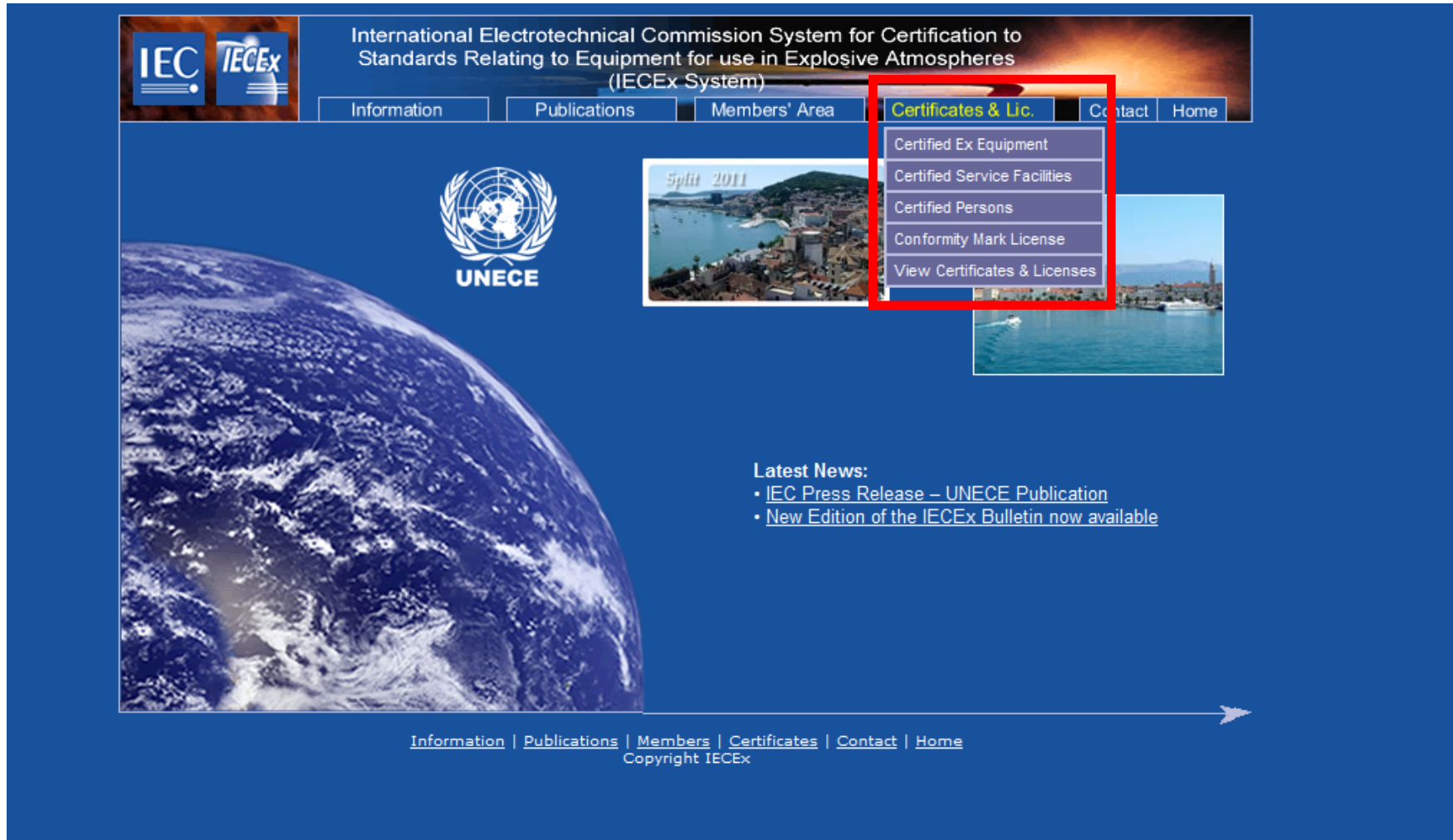*September 2011*

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❖**Present Schemes**

  ➢**Equipment Scheme (ExCBs 41 + 3)**

  ➢**Service Facilities Scheme (ExCBs 11 + 1)**

  ➢**Conformity Mark License System (ExCBs 14 + 3)**

  ➢**Personnel Competence (ExCBs 3 + 1)**

  ➢**Each Scheme has more ExCBs under review**

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❖ **Equipment Scheme-** *Documents - Publicly available*

  ❖ **IECEx 02** – Equipment Certification Program covering equipment for use in explosive atmospheres, – Rules of Procedure

  ❖ **Ex/OD 005** IECEx Quality system requirements for manufacturers

    ❖ **Part 1: Guidance on the establishment and maintenance of a quality system**

    ❖ **Part 2: Audit Checklist**

    ❖ NOTE: OD 05 to operate in conjunction with ISO/IEC 80079-34 (See WG 5 report)

  ❖ **Ex/OD 009/V1** IECEx Operations Manual -Procedures for the Issuing of IECEx Certificates of Conformity, IECEx Test Reports and IECEx Quality Assessment Reports

  ❖ **IECEx OD 011-1 Ed.4** Guidance on Use of the IECEx Internet based "On-Line" Certificate of Conformity System   Part 1: General Information

  ❖ **Ex/OD 017/V3** Drawing and Documentation Guidance for IEC Ex Certification

  ❖ **Ex/OD 025/V2** Guidelines on the Management of Assessment and Surveillance programs for the assessment of Manufacturer's Quality System, in accordance with the IECEx Scheme.

  ❖ **IECEx OD 034 Ed.1** Operational Document - Guidance on the preparation of IECEx Equipment Certificates and Reports covering more than one identifiable item of equipment

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❖ **Service Facilities Scheme – Documents-** *Publicly available*

 ❖ **IECEx 03** IECEx Certified Service Facilities Program covering repair and overhaul of Ex equipment – Rules of Procedure

 ❖ **Ex/OD 016/V1** 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 Modifications of Ex equipment

 ❖ **Ex/OD 015/V2** Technical Requirements for IECEx Service Facilities involved in repair, overhaul and modification of Ex equipment.

 ❖ **Ex/OD 014/V2** Quality Management System requirements for IECEx Service Facilities involved in repair, overhaul and modification of Ex equipment

 ❖ **Ex/OD 013/V2** IECEx Operations Manual – Assessment and Certification of Ex Repair and Overhaul Service Facilities - Assessment Procedures

 ❖ **IECEx OD 011-1 Ed. 4** Guidance on Use of the IECEx Internet based On-Line Certificate of Conformity System -Part 1: General Information

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❖ **Conformity Mark License System – Documents - *Publicly available***

   ❖ **IECEx 04 IEC Scheme for Certification to Standards for Electrical Equipment for Explosive Atmospheres (IECEx Scheme) – IECEx Conformity Mark Licensing System – Regulations**

   ❖ **Ex/OD 022/V1 Rules and Procedures for the granting of Licenses to issue and use the IECEx Conformity Mark**

   ❖ **Ex/OD 023/V1 Terms and Conditions for use of the IECEx Conformity Mark**

   ❖ **IECEx OD 011-1 Ed. 4 Guidance on Use of the IECEx Internet based "On-Line" Certificate of Conformity System Part 1: General Information**

   ❖ **IECEx 04A - Supplement A IECEx Guide – Guidance for making Application for and Use of IECEx Conformity Mark**

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❖ **Personnel Competence Scheme - Documents** *- Publicly available*

  ❖ **IECEx 05 - IECEx Scheme for Certification of Personnel Competencies for Explosive Atmospheres**

  ❖ **IECEx OD 501 Assessment Procedures for IECEx acceptance of Certification Bodies (ExCBs) for the purpose of issuing and maintaining IECEx Certificates of Personnel Competencies**

  ❖ **IECEx OD 502 Application for Personnel Competencies documentation and information requirements**

  ❖ **IECEx OD 503 ExCB Assessment Procedures for issuing and maintaining IECEx Certificates of Personnel Competencies.**

  ❖ **IECEx OD 504 Specification for Units of Competency Assessment Outcomes**

  ❖ **IECEx 05A Guidance and Instructions for Applicants to obtain a Certificate of Personnel Competence (CoPC)**

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- ❖ **Present Schemes- Important Documents for creating CoCs and Registering Reports**
- ❖ **All**
  - ❖ **IECEx OD 011-1 Ed. 4** Guidance on Use of the IECEx Internet based "On-Line" Certificate of Conformity System Part 1: General Information
- ❖ **Equipment**
  - ❖ **IECEx OD 011-2 Ed. 4.3** Guidance on Use of the IECEx Internet based "On-Line" Certificate of Conformity System   Part 2: Creating IECEx Equipment Certificates of Conformity CoCs
  - ❖ **Special addendum** - Additional guidance to ExCBs for creating IECEx UNIT VERIFICATION Certificates
- ❖ **Service Facilities**
  - ❖ **IECEx OD 011-3 Ed. 1.2** Guidance on Use of the IECEx Internet based "On-Line" Certificate of Conformity System   Part 3: Creating IECEx Service Facility Certificates of Conformity CoCs
- ❖ **Conformity Mark Licenses**
  - ❖ **IECEx OD 011-4 Ed.1.2** Guidance on Use of the IECEx Internet based "On-Line" Certificate of Conformity System Part 4: Creating IECEx Conformity Mark Licenses
- ❖ **Personnel Competence**
  - ❖ **IECEx OD 011-5 Ed.1** Guidance on Use of the IECEx Internet based "On-Line" Certificate of Conformity System Part 5: Creating IECEx Certificates of personnel Competence CoPC

➢ **IECEx System – Security aspects**

    ➢ **Data backed up by IEC**

    ➢ **Document Number automatically created by the System**

    ➢ **CoCs and reports can only be deleted by IECEx Secretariat**

    ➢ **Editing only allowed during first 14 days after issue date**

    ➢ **Supported by technical Secretariat**

❖ **IECEx Secretariat support activity**

➢ **Adding "U" to Equipment CoC**

➢ **Editing of CoCs**

➢ **Reset to "Draft" to allow editorial corrections**

➢ **Deletion of unwanted CoCs, ExTRs and QARs**

➢ **Cancellation/Suspension of CoCs -**

➢ **On-going Secretariat Surveillance review of CoCs**

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On-going Secretariat Surveillance review of CoCs

The objective of the review is to check that the information on the CoC is correct including the following elements;

- Date of issue appropriate (not showing in the future)
- A Test Report number and File Reference included.
- Manufacturer's site address given (not P O Box)
- Any attached Annex has a reference to the CoC number
- Conditions listed if necessary
- Equipment description clear
- Major editorial mistakes
- Correct links to ExTR and QAR
- QAR is not out of date
- Manufacturer on CoC matches ExTR
- Manufacturer on CoC matches QAR
- Standards listed on CoC matches Standards on ExTR
- Type of Protection Concept on CoC matches standards and QAR
- Where more than 1 issue of a CoC exists, they are linked and changes explained on CoC
- Statement of Limitations is included in CoC if needed
- Other e.g. 'Date of original issue' on QAR is the same for later issues.(This no longer erquired)

The latest review was conducted between September 2010 and march 2011

Results

➢ Total IECEx Certificates reviewed = 246
  ➢ The issues found can be categorised into –
    ➢ Editorial
    ➢ Technical
  ➢ Examples of editorial issues include
    ➢ Simple spelling mistakes
    ➢ Linked ExTR or QAR still in draft
  ➢ Examples of technical issues include
    ➢ QAR out of date
    ➢ Standards Listed on CoCs did not match those on ExTR
  ➢ Important to note there are no unresolved issues and no issue warranted a withdrawal of the CoC.
  ➢ All ExCBs contacted cooperated fully. The IECEx Secretariat wishes to thank all ExCBs for this cooperation.

❖ IECEx Secretariat support activity

- ➢ Adding "U" to Equipment CoC
- ➢ Editing of CoCs
- ➢ Reset to "Draft" to allow editorial corrections
- ➢ Deletion of unwanted CoCs, ExTRs and QARs
- ➢ Cancellation/Suspension of CoCs -
- ➢ On-going Secretariat Surveillance review of CoCs
- ➢ **Website updates**
- ➢ **Remember for any related matters please contact the IECEx Secretariat**

Website updates

➢ **Provision for Unit Verification Certificates**

    ➢ **Note: 11 Unit Verification CoCs published in 2011 (up to 23 August)**

➢ **ExCBs Profile (Change of ExCB Name, Address or Logo)**

➢ **Updating QAR (with respect to date of original issue)**

➢ **Updating PCAR to provide for up issue of CoPC**

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❖ **Updates under consideration**

➢ Provision of full name of ExCB

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Updates under consideration
Provision of full name of ExCB - Example
EPS - Bureau Veritas Consumer Products Services Germany GmbH

by IECEx Cert. Body (ExCB) : (2011)

(Selection: A

Issuer	Type	Certific
444⊞ BAS		
15⊞ BKI		
273⊞ BVS		
6⊞ CCVE		
62⊞ CES		
40⊞ CQM		
50⊞ CSA		
120⊞ DEK		
45⊞ DNV		
6⊞ EPS		
2⊞ ETL		
21⊞ FME		
72⊞ FMG		
40⊞ FTZU		
31⊞ IBE		
81⊞ INE		
42⊞ ITA		
89⊞ ITS		
19⊞ KDB		
133⊞ KEM		
63⊞ KGS		
27⊞ KOS		
27⊞ KTL		
159⊞ LCI		
67⊞ NEM		

IECEx CoC Home > Certified Equipment Scheme > Listing

View by **ExCB Certificates :** (All)

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

(Selection: **All** | BAS | BKI | BVS | CCVE | CES | CQM | CSA | DEK | DNV | EPS | ETL | FME | FMG | FTZU | IBE | INE | ITA | ITS | KDB | KEM | KGS | KOS | KTL | LCI | NEM | PTB | QPS | SEV | SIM | SIQ | SIR | SP | TPS | TRC | TSA | TUN | TUR | TUVSPS | UL | ULD | VTT | ZLM)

ExCB	Year	Month	Certificate No	Issue date	Status	Applicant	Apparatus

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❖ **Updates under consideration**

➢ **Provision of full name of ExCB**

➢ **Enhanced text capabilities in Marking field**

➢ **Provide for list of out of date QARs**

➢ **Provide list of CoCs with out of date QARs**

➢ **Prevent CoC being made Current if linked ExTR or QAR is still in draft form**

➢ **Other Administrative issues to improve operational efficiency**

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Progressive totals			
(by month) of Equipment CoCs			
Year	2009	2010	2011
Month	CoCs	CoCs	CoCs
Jan	100	130	160
Feb	194	242	332
Mar	319	422	539
Apr	415	595	734
May	598	757	931
Jun	707	894	1088
Jul	797	1069	1322
Aug (23)	907	1244	1497
Sep	1063	1445	
Oct	1179	1658	
Nov	1301	1826	
Dec	1480	2059	
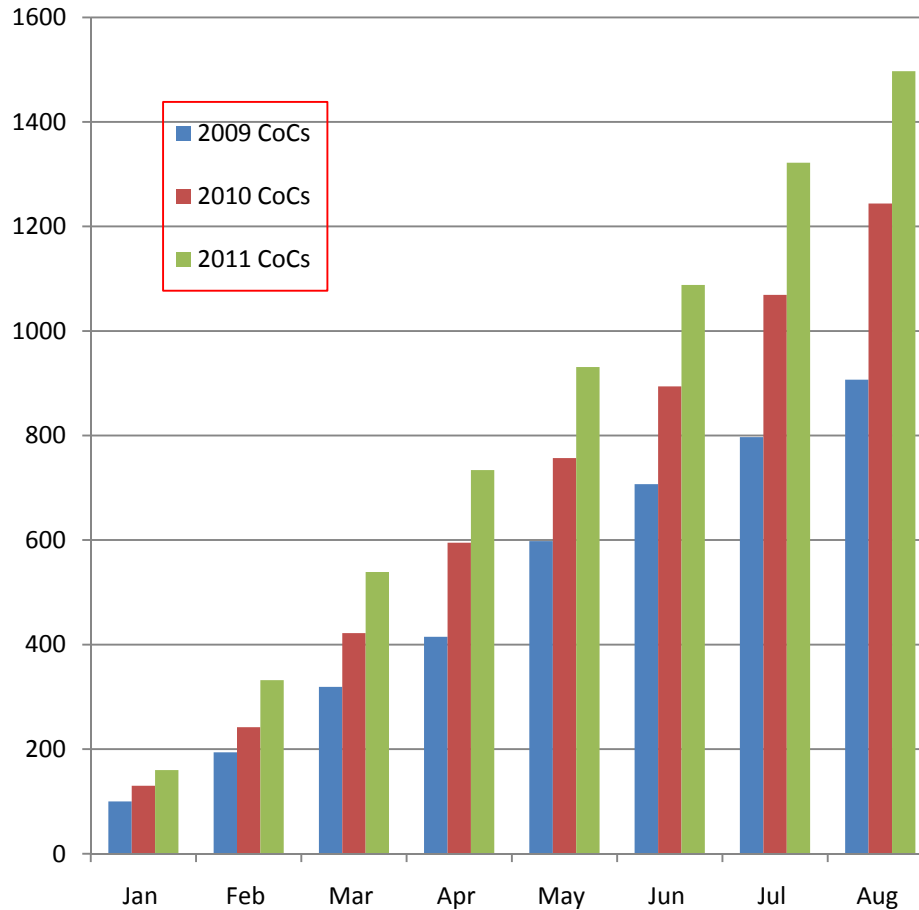
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Total number of Certified Services CoCs issued (commenced end 2007)				
Year	CoCs		Total	Drafts
2007	3	4	7	
2008	12	15	27	
2009	15	13	28	9
2010	26	21	47	7
@ 26 July 2011	15	14	29	8
@ 23 August 2011	**20**	**19**	**39**	**7**
Totals	**76**	**72**	**148**	**7**

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Total number Conformity mark Licenses issued (commenced 2009)				
Year	Licenses	Total	Number of CoCs attached to Licenses	Drafts
2009	4	4	10	0
2010	3	3	34	2
@ 26 July 2011	5	5	12	3
@ 23 August 2011	**6?**	**6?**		
Totals	13	13	**56**	

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Total number CoPCs issued (commenced 2010)			
Year	CoPCs	Total	Drafts
2010	6	6	0
@ 26 July 2011	8	8	0
@ 23 August 2011	**20**	**20**	**4**
Totals	**26**	**26**	**4**

THANK YOU

Any questions?