



Secretariat

ExMC/544/R

2009 07

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

Ex Management Committee, ExMC

TITLE: IECEx System Report Card - 2009

INTRODUCTION

The Secretariat has prepared this document as an up date to IECEx Members on the following matters, since the 2008 IECEx Paris meetings:

- **Membership**
- **Statistics of issued IECEx Certificates of Conformity, ExTRs, QARs**
- **Promotional Activities**
- **Secretariat and General Technical Administration**

This document is issued for information to members and is listed on the IECEx 2009 ExMC meeting agenda for noting and any necessary discussion.

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IECEX System Report Card - 2009

1. General Overview

Discussions and decisions from the 2008 series of IECEX Meetings in Paris set the tone and direction for further development, growth and expansion of the IECEX Schemes in terms of the following:

- New Member Countries Turkey, Croatia and Brazil joining
- New ExCBs and ExTLs being added to the IECEX list of approved bodies
- First full year of operation of the new IECEX Certified Service Facilities Scheme
- CAB Approval for new IECEX Certified Persons Scheme.
- Completion of the upgrades to the IECEX On-Line Certificate of Conformity System
- A marked increase in the demand and issue of IECEX Certificates of Conformity + Reports, some 40% above 2008 figures
- Introduction of the IECEX Mark of Conformity
- Continued processing of Scope extensions from ExTLs and ExCBs
- Promotion at Regional and International forums
- Greater industry involvement, including users and regulators
- Others

2. Membership

IECEX System Membership, as at 25 July 2009 stands at:

- **31** Countries, members of the IECEX Management Committee, ExMC,
- Now with **four** separate Certification Systems
 - IECEX Certified Equipment Scheme (Rules = IECEX 02)
 - IECEX Certified Service Facility Scheme (Rules = IECEX 03)
 - IECEX Conformity Mark Licensing System (Regulations = IECEX 04)
 - IECEX Certificate of Personal Competency Scheme (Rules = IECEX 05) [awaiting final ExMC approval]
- **IECEX Certified Equipment Scheme**
 - 36 Approved ExCBs (+ Applicants)
 - 39 Approved ExTLs (+ Applicants)
- **IECEX Certified Service Facilities Scheme**
 - 8 Approved ExCBs (+ Applicants)
- **IECEX Conformity Mark License System**
 - 7 Approved License issuing ExCBs (+ Applicants)

3. Statistics – CoCs, QARs, ExTRs

At 25 July 2009 there were **9,295** Issued IECEx Reports, Certificates and Licenses across:

- The IECEx Certified Equipment Scheme, IECEx 02 (see Table 1)
- The IECEx Certified Service Facilities Scheme, IECEx 03. (see Table 2)
- The IECEx Conformity mark license System, IECEx 04 (see Table 3)

The figure “Totals”, in the table 1, shows the total number of combined CoCs (Certificates of Conformity), ExTRs (IECEX Test Reports) and QARs (IECQ Quality Audit Reports) issued under the IECEx Certified Equipment Scheme.

In addition, the number of CoCs at the “DRAFT” status, i.e. awaiting completion of the certification process (jobs in hand) as shown in Table 1 stands at 618. This is in addition to the 9,295 number of Certificates and reports already issued and an indicator of future work.

Graph 1 provides an overview trend of the number of Certificates and Reports issued since 2003, under the IECEx 02 Scheme (Certified Equipment Scheme), while Graph 2 provides a breakdown of the percentage weighting of CoCs compared to ExTRs and QARs.

The conclusion drawn from these statistics is that the IECEx Scheme is still experiencing significant and sustained growth. The following factors are seen as facilitating this growth.

- The increasing involvement by industry in the management and operation of IECEx;
- The credibility of the IECEx System, compliance to IEC Standards, single assessment system for all ExCBs and ExTLs + surveillance;
- One set of operational procedures and reporting formats (i.e. the IECEx way of Ex Certification);
- The transparency of IECEx activities, provided by the IECEx website and On-Line CoC system;
- A greater level of industry understanding of the IECEx system by way of promoting IECEx by IECEx Officers and Members;
- A growing international awareness of the value of Structured International Conformity Assessment Systems such as IECEx;
- The value of Networking among all Ex experts including ExCBs and ExTLs and associated technical discussion forums provided by ExTAG;
- A dedicated technical Secretariat;
- Others

Table 1 – Year End Figures IECEX 02 Certified Equipment Scheme

Total number of IECEX Equipment CoCs issued					
Year	CoCs	ExTRs	QARs	Total*	CoC Drafts
2003	12	10	1	23	10
2004	98	61	43	202	115
2005	262	133	154	549	225
2006	563	909	387	1859	360
2007	931	906	386	2223	431
2008	1258	1166	350	2774	499
@ 27 Jul-09	790	635	215	1640	618
Totals	3914	3820	1536	9270	618

*Figures for the number of Draft certificates are NOT included in Total

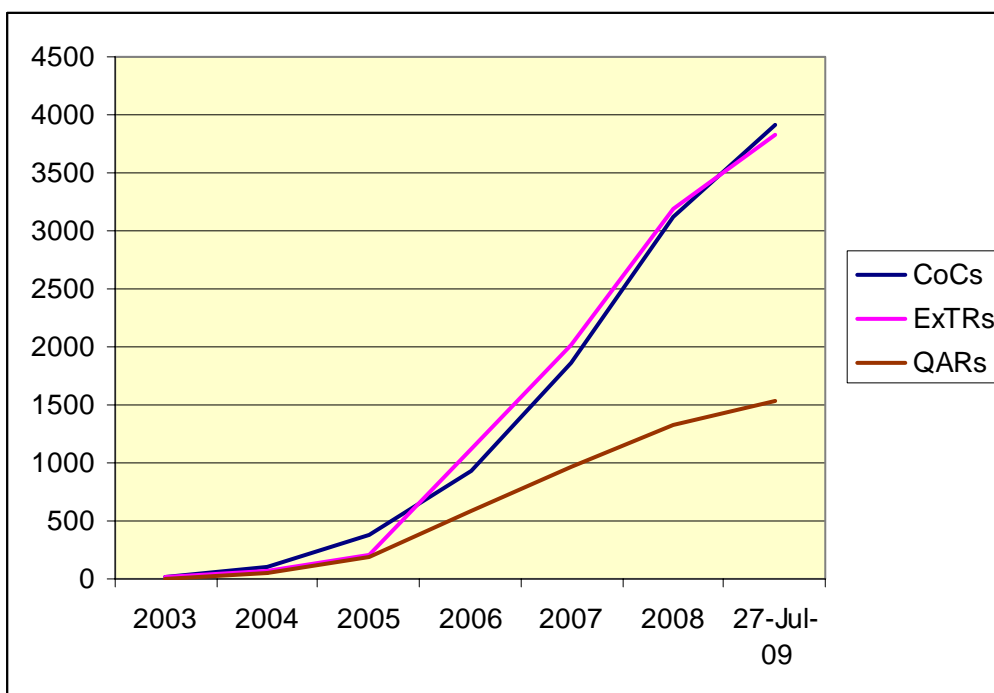
Table 2 – Year End Figures IECEX 03 Certified Service Facilities Scheme

Total number of Certified Services CoCs issued (commenced end 2007)				
Year	CoCs	FARs	Total	Drafts
2007	3	4	7	
2008	12	15	27	
@ 27 -JUL-09	9	11	20	9
Totals	24	30	54	9

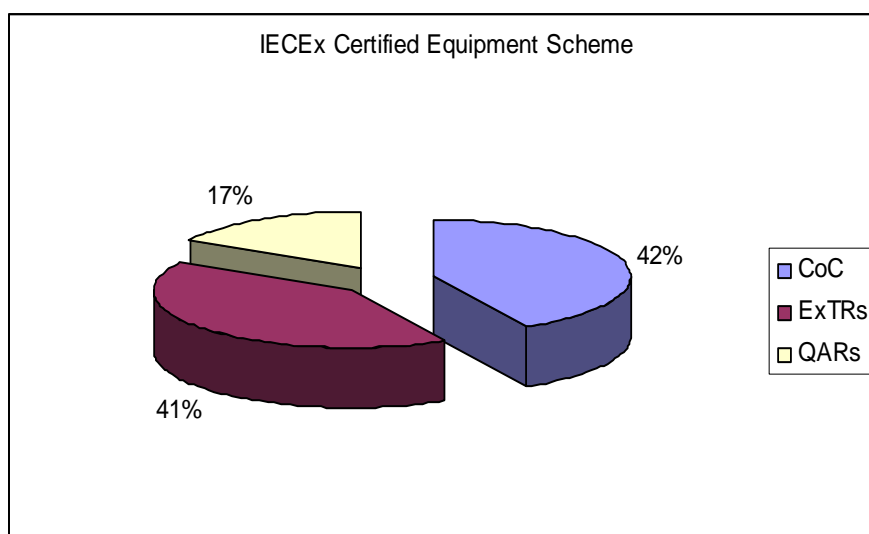
Table 3 – Year End Figures IECEX 04 Conformity Mark Licenses

Total number Conformity mark Licenses issued (commenced 2009)			
Year	Licenses	Total	Drafts
@ 27 -JUL-09	1	1	0
Totals	1	1	0

**Graph 1 – IECEX CoCs, ExTRs, QARs Breakdown
IECEX Certified Equipment Scheme**



Graph 2 – CoCs, ExTRs, QARs Percentages





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4. IECEX Scheme Promotional Activities

As part of the IECEx promotion and marketing strategy, IECEx has been directly involved in various national, regional and international seminars and conferences such as:

- 2008 IECEx Industry Symposium – Paris, as part of the 2008 IECEx annual meetings
- Presentations and attendance at ISO CASCO STAR Regulatory WG, Geneva April 2009
- Presentations at the ASEAN (Association of South East Asian Nations) Conference, Singapore March 2009
- Presentation of IECEx update to IEC TC 18, Hamburg April 2009
- Monthly news articles in all IEC e-Tech on-line magazines, library maintained at http://www.iecex.com/news_releases.htm
- IECEx Chairman's Address to PCIC EU 2009 Conference Barcelona, 2009
- IECEx Industry update presentation – Singapore, June 2009 focus on Repair and Overhaul Certification and the new Certified Persons Program, under development
- Others

The above are in addition to the various “local” presentations given by individual IECEx experts.

In addition and with the help of our worldwide IECEx experts, the Secretariat has committed to continue providing an article on IECEx for each monthly issue of the IEC Global Newsletter, e-Tech.

The IECEx Chairman, Officers and Secretariat are available to provide any additional information on these items or assistance with the preparation of any presentations that Members may be involved with.

5. Secretariat and General Technical Administration

5.1 Day to day duties of the Technical Secretariat can be broadly categorized as:

- Processing applications and managing assessments of new bodies
- Processing the applications of Scope extensions and other changes, e.g. name changes of existing bodies along with their maintenance via surveillance and re-assessments
- Support to ExCBs in the day to day use of the Centralised On-Line CoC system

- Revision and up dating of IECEx Schemes rules and Operational Documents and forms
- IECEx Schemes development and Growth via new and expanded programs, e.g. IECEx 03 Services, IECEx 04 IECEx Mark of Conformity, IECEx 05 Certified Persons
- In conjunction with Chairman and Officers, IECEx Scheme regular reporting to CAB and participation in CAB Working Groups, now at 14
- Respond to general inquiries from industry
- Day to day management of System finances, in conjunction with Treasurer

5.2 As an indicator of the IECEx System development and growth, since the 2008 IECEx Paris meetings, the following additional statistics are provided:
(Period = 2008 Paris meetings to July 2009)

General items prepared and issued according to the day to day management and operation of the IECEx System are provided below with a comparison to the figures reported at the 2007+2008 presented in ExMC/390/Inf and ExMC/461/R respectively'

ITEM	2007 Figures (ExMC/390/Inf)	2008 Figures (ExMC/461/R)	2009 Figures Paris to July 09
Committee Documents Issued	62	104	136 ¹
Operational Documents (new or Revised)	7	5	7
ExTAG Decision Sheets Issued	2	5	1
IECEx Guides (new or Revised)	0	4	0
IECEx Scheme Rules (New or Revised)	0	2	1
Others, eg News articles	7	15	11
Total IECEx Items issued²	78	135	156

¹ Comprises ExMC =95, ExTAG =36, ExMarkCo = 5 (where ExMarkCo is a newly established Committee to manage the ExMark License System)

² Total excludes other items such as reports to CAB and participation in CAB and related Working Groups

5.4 IECEx Website and On-Line Certificate System Upgrades

Since the 2008 IECEx meetings a number of upgrades and improvements to the IECEx website system have been included such as:

- Expansion for the IECEx 03 – Certified Service Facilities Scheme
- Expansion to include the IECEx 04 – Conformity Mark Licensing System
- Expansion to include the IECEx 05 Certified Persons Scheme
- Upgrades to deal with issued CoCs where ExCBs change details, eg name, logo, address
- Provision for new ExMarkCo and associated document library
- Others

5.5 E-mail Traffic, handled by Secretariat (excluding those dealt with by IECEx Chairman, Officers, WG Conveners, Members and Assessors):

The following level of e-mail traffic was handled by the IECEx Secretariat and does not include additional mails dealt with by the IECEx Chairman, Officers and Assessors. These figures are provided as a guide to IECEx Members of the levels of IECEx activity and show a constant level of e-mails in comparison with 2007 and 2008 figures.

ITEM	2007 Figures (ExMC/390/Inf)	2008 Figures (ExMC/461/R)	2009 Figures*
Total E-mail Traffic of the IECEx Secretariat	16,150	17,500	17,300

* Out of office or other miscellaneous e-mails have been excluded from above figures

5.6 Management of IECEx ExCB/ExTL Assessments + Applications for Scope extensions.

ITEM	2007 Figures (ExMC/390/Inf)	2008 Figures (ExMC/461/R)	2009 Figures
Site assessments, re-assessments + scope extensions	22	19	17
Scope extensions according to ExMC/251A/Q	32	32	37

6 Finances

6.1 Overview

While income and expenditure are generally according to the approved 2009 Budget, for the first half of 2009, income from IECEx Certificate Fees were above budget expectations while expenditure remains at or below budget.



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6.2 INVOICES Issued / Processed since 2008 Paris meeting

The day to day management of finances for the IECEX system has resulted in the following table of invoices and statements being issued as well as monitoring the receipt of payments

Invoices issued – Annual Fees	31
Statements Issued – CoC Fees	58
Invoices Issued – CoC Fees	52
Invoices Issued – Application Fees	5
Invoices Issued – Assessment Fees	16
Invoices processed / Central Approval – Assessor Charges	26
TOTAL Invoices issued and processed	188

In noting the following:

- overall excellent response to on-time payment of invoices by Members
- income being above 2009 approved budget
- expenditure in line or below budget

There are no specific issues concerning finance at this time. A full report will be given during the 2009 Melbourne ExMC meeting by the Treasurer and Secretary.

7 Concluding Remarks

IECEX continues to enjoy significant growth in both exposure and demand for its services. The instant and “On-Line” nature of the IECEX Certification system, with its electronic master controlled certificates coupled with the increased industry involvement in the Scheme’s operation are seen as main drivers of this interest and demand for IECEX services, in line with the IECEX vision of:

“To be the Global Centre of Excellence in the Ex Field”

Introduction of the new IECEX Certified Persons Scheme is also seen as a significant forward driver for IECEX certification, with the Secretariat noting a strong demand for this form of certification mainly from End users (eg oil and gas companies seeking to qualify personnel), Consultants and others.

The continued growth and success of IECEX is founded on the solid participation by various sectors of industry in the day to day management of the IECEX System via participation in ExMC and the various Working Groups. It to this point that the Secretariat on behalf of the IECEX Chairman, Mr Kerry McManama extend a sincere note of thanks in acknowledging the contribution and support from industry (Manufacturers, Repairers, Users) as well as Regulators, necessary for IECEX to continue in its quest to serve the international Ex community.

Chris Agius
IECEX Secretariat
July 2009