



IECQ HSPM SCHEME & QC 080000: CURRENT STATUS

Chris Yau

WG 5 Convener

CABC Vice-Chairman

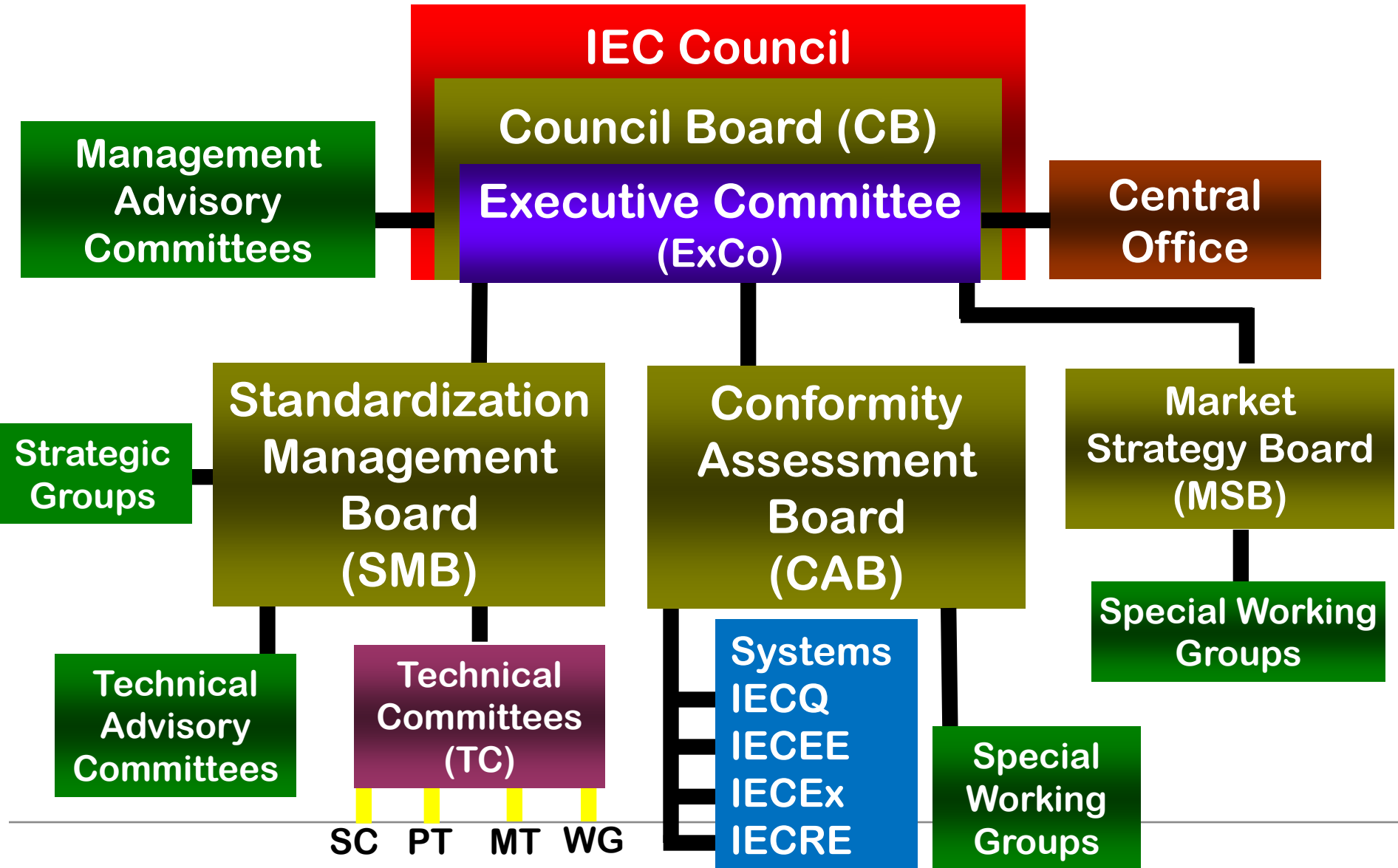


WHO IS IEC?

- IEC is the *International Electrotechnical Commission*
- Founded in 1906 to promote international co-operation on all questions of standardization and related matters in the fields of electro-technology, including conformity assessment.
- IEC provides a platform to companies, industries and governments for meeting, discussing and developing the International Standards they require. The world's leading organization for the preparation and publication of international standards for electro-technology.



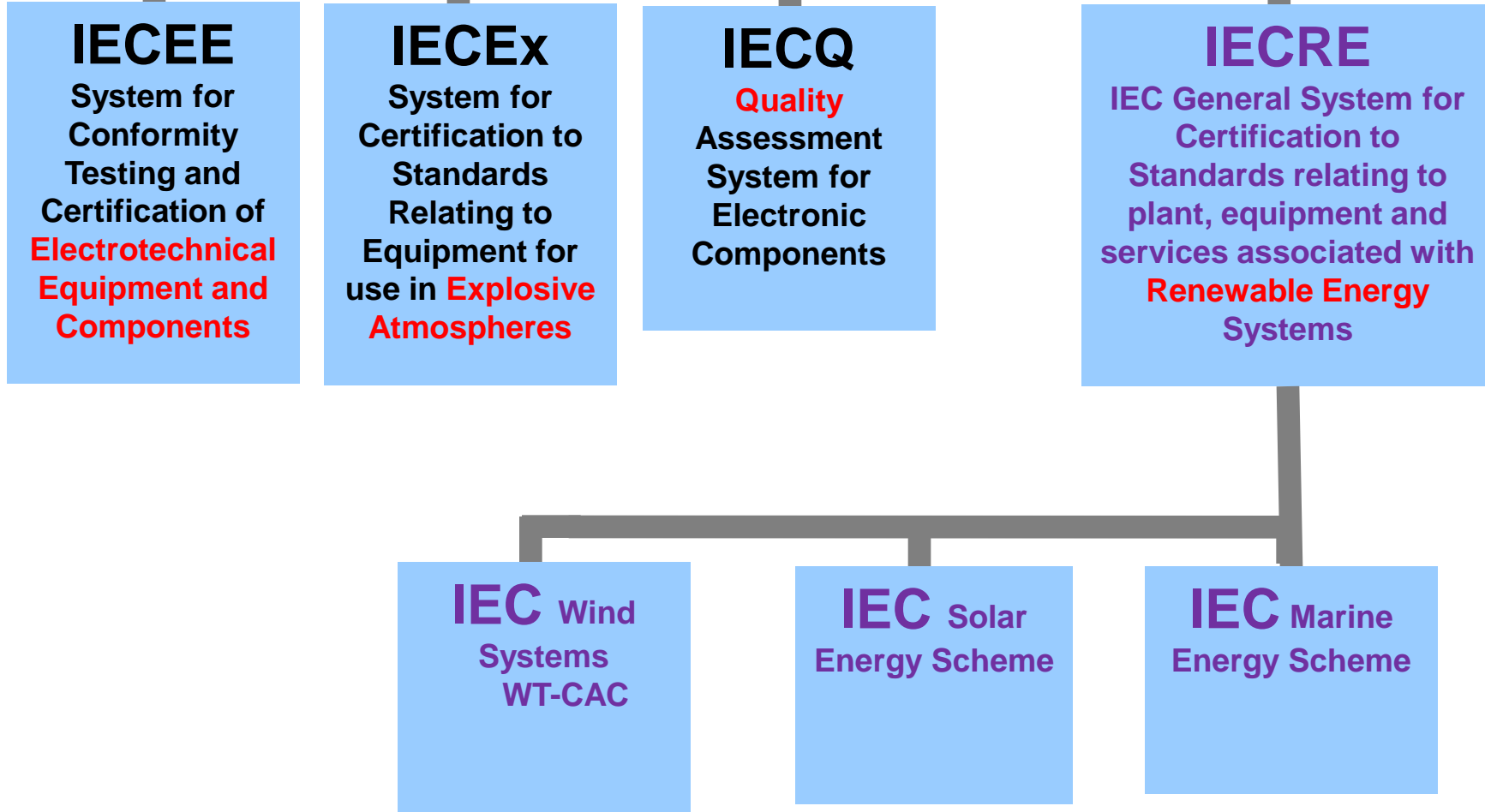
STRUCTURE OF THE IEC





CONFORMITY ASSESSMENT

CAB - Conformity Assessment Board



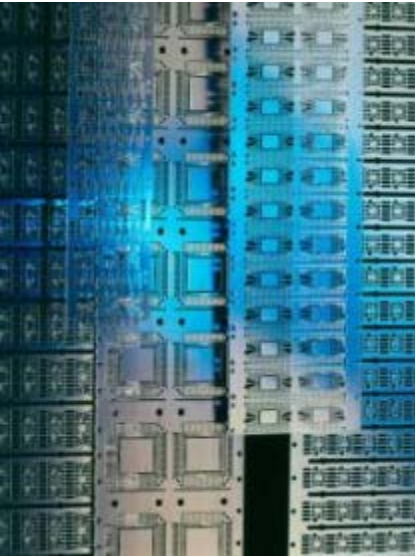


WHAT IS IECQ?

- IECQ (IEC Quality Assessment System for Electronic Components) is a worldwide approval and certification system covering the supply of electronic components and associated materials and assemblies (including modules) and processes.
- It uses quality assessment specifications that are based on International Standards prepared by the International Electrotechnical Commission (IEC) or National Standards where an IEC Standard does not exist.



IECQ SCHEMES



IECQ System www.iecq.org

Approved Process Scheme (IECQ AP)
E.g. ESD etc.

Counterfeit Avoidance Programme (IECQ CAP)

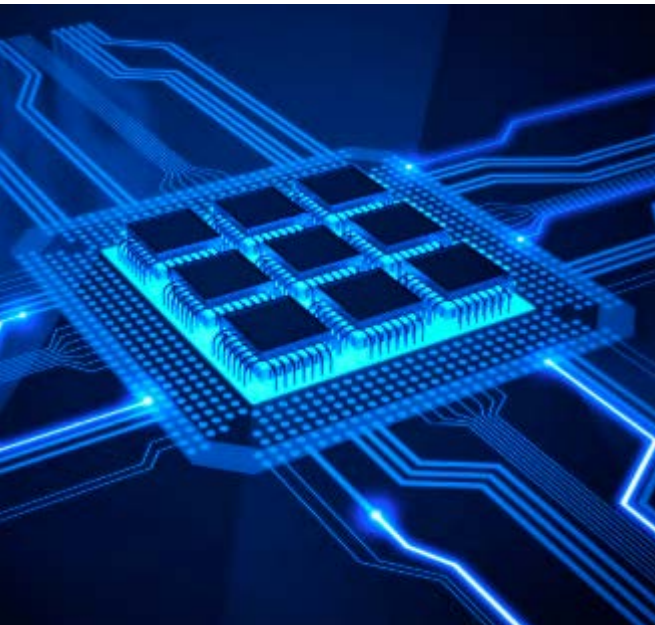
Approved Component Scheme (IECQ AC)
(Production of Components +Assemblies)

Automotive Qualification Programme (IECQ AQP)

IECQ HSPM Scheme “IECQ QC 080000”
Hazardous Substance Process Management

IECQ Avionics Scheme (IECQ ECMP)
Electronic Component Management Plan

IECQ Independent Testing Laboratory Scheme
(IECQ ITL)





IECQ QC 080000:2012

- Provides the management system framework
- Covers manufacturers, assemblers and suppliers of *electronic components* and related assemblies (including modules), and associated materials and processes.
- Ensures that hazardous substances are managed and controlled by the organization according to declared regulations + standards



IECQ QC 080000 AND QMS

- IECQ QC 080000 adds to ISO 9001 or other equivalent quality management system standards
- IECQ QC 080000 includes the requirements for managing hazardous substances on top of the quality management system
- ISO 9001 or the equivalent QMS standard **MUST** be read in conjunction with IECQ QC 080000



SAME RULES FOR EVERY CB

- Rules published in IECQ 03-5, which includes standard assessor days for all IECQ CBs
- IECQ CB assessment team have competency on the IECQ QC 080000 specification, the core processes of the organization being assessed, and the knowledge of the associated hazardous substances



SAME RULES FOR EVERY CB

- All manufacturing locations are assessed, no sampling
- Deficiencies are not to be recorded or reported as Observations or Opportunities for Improvement
 - Either complied or not complied



VALUE PROPOSITION

Replaces multiple 2nd Party assessments by buyers with one “IECQ Assessment”.



Benefits to Industry

- Cost savings
- Savings in resources
- Consistency in supplier assessment
- Confidence in supply chain
- Online certificates



IECQ HSPM COMPETITIVENESS

- One single set of Rules and Operational Procedures for *all* IECQ approved Certification Bodies (CBs) to follow
- *All* IECQ CBs undergo the single assessment process
- Single certificate format used by *all* IECQ CBs worldwide
- All certificates issued via the IECQ online system and located in the *one place* with public access and search
 - If the certificate is not showing on the IECQ website – it does not exist!!



ONLINE CERTIFICATES

Welcome to IECQ - IEC Q. x

www.iecq.org/index.htm

INTERNATIONAL ELECTROTECHNICAL COMMISSION
QUALITY ASSESSMENT SYSTEM FOR ELECTRONIC COMPONENTS (IECQ)

FAOs | Sitemap | Contact us | Webstore

About IECQ | News | Members & Experts | **Certification & Approval** | Publications | Working Groups | Events & Meetings

News / Communications

Quality and reliability at the forefront
IECQ provides independent verification of compliance with International Standards

Casting a light on LEDs
IECQ provides solution for certification of LED-based lighting sources

Renewing ties with a former partner
Russia shows keen interest in IECQ participation

IECQ Brochures
IECQ Assured Quality in the Electronics Industry
IECQ Approved Component Scheme
IECQ Approved Process Scheme
IECQ HSPM Scheme
IECQ Automotive Qualification Programme

Tools
IECQ On-line Certificates System
IECQ On-line Training Certificates System
IECQ Certification Bodies
IECQ Rules & Procedures
IECQ Operational Documents
IECQ Standard Exams

IECQ AC Scheme
Approved Component, Products, Related Materials and Assemblies Scheme
Find out how to comply with the requirements of the IECQ System and the relevant standards and specifications to obtain IECQ Approved Components Certification.
Get the brochure

Upcoming Events
2015-04-08 Autotronics 2015, Taiwan
2015-04-27 IECQ 2015 Annual Meetings
2015-05-07 SPARC Int'l Lighting Event, Sydney
2015-06-09 Guangzhou Int'l Lighting Exhibition
2015-10-06 Taltronics 2015, Taiwan

Welcome to IECQ - IEC Q. x

certificates.iecq.org/iecq/iecqweb.nsf/HSPM?OpenView&Expand=1

IECQ Online Certification

IEC System for Quality Assessment for Electronic Component (IECQ System)

IECQ Website > IECQ Certification Database > View by IECQ HSPM (Company)

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

CB	Certificate no.	IECQ Certificate No.	Company name	Issue Date	Status
41	ABSQSG				
7	2011				
4	2010				
9	2009				
16	2008				
5	2007				
7	AFNOR				
205	BSI				
192	CEP				
8	DNVCN				
26	DNVTW				
219	DNVUS				
58	INTEKCN				
674	KTL				
344	LOIE				
16	LLOYDSTW				
250	MOODY				
571	NOAGB				
23	NSAIUS				
100	SAIG				
919	SOSCN				
54	SGSHK				
411	SGSTW				

View by:

- I. Approved Process
- Approved Component
- IECMP - Avionics
- IECQ HSPM Company**
- Independent Testing
- IECQ HSPM Training
- Organization Approval
- Approval Certificate
- CB Certificate Number

certificates.iecq.org/iecq/iecqweb.nsf/4f3061c2d0ca7254c1257966003381a9/8ca933e309c9bd5dc1257df

SGS Hong Kong Limited | Logout

edit suspend / cancel new issue add site quit / back printable pdf

IECQ Website > IECQ Certification Database > IECQ HSPM Company

COC ONLINE

IECQ QUALITY ASSESSMENT SYSTEM (IECQ) covering Electronic Components, Assemblies, Related Materials and Processes
For rules and details of the IECQ visit www.iecq.org

**IECQ Certificate of Conformity
Hazardous Substance Process Management**

IECQ Certificate No.:	IECQ-H SGSHK 09.0024	Issue No.:	5	Status:	Current
Supersedes:	IECQ-H SGSHK 09.0024 Issue 4	Issue Date:	2015/02/23	Org. Issue:	2006/01/26
CB Certificate No.:	HK-HSPM-1001 Issue 3	Expiration:	2018/01/25		

Applicable to:

- European Directive 2011/65/EU ("RoHS") requirements
- European Directive 2002/96/EC ("WEEE") requirements
- Green Process Supplier and Manufacturing requirements

Fook Tin Technologies Limited
4/F, Eastern Centre, 1055 King's Road, Quarry Bay, Hong Kong

The organization has developed and implemented Hazardous Substances Process Management procedures and related processes which have been assessed and found to comply with the applicable requirements for IECQ HSPM organization approval which is in accordance with the Basic Rules IFCO 01 and Rules of Procedure IFCO 01A "IECQ Hazardous Substance Process Management"

IECQ Online Certificates

- All certificates located
- Public access
- Search features
- Online version is the master



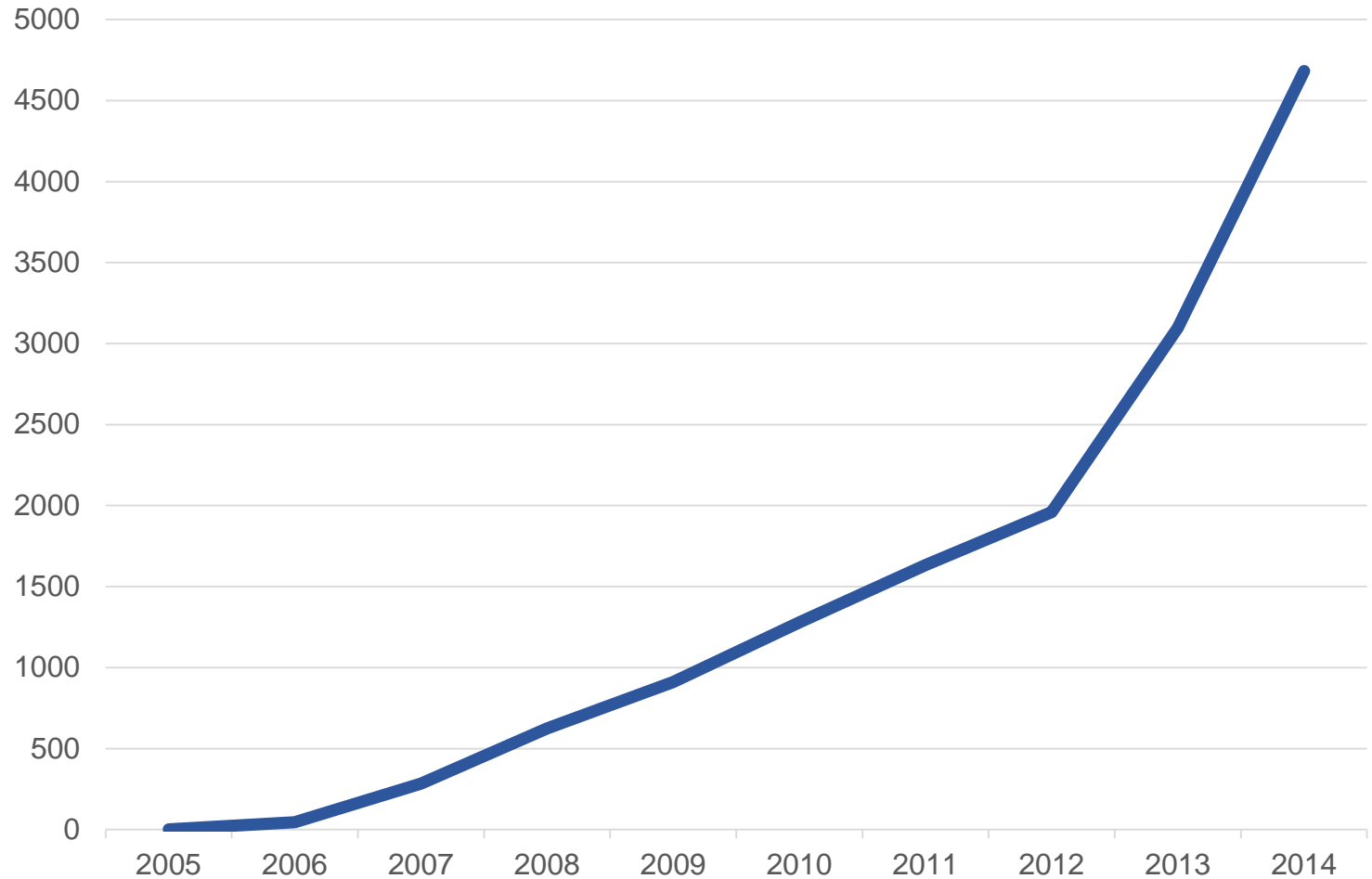
IECQ HSPM CERTIFICATION BODIES



16 CBs participated

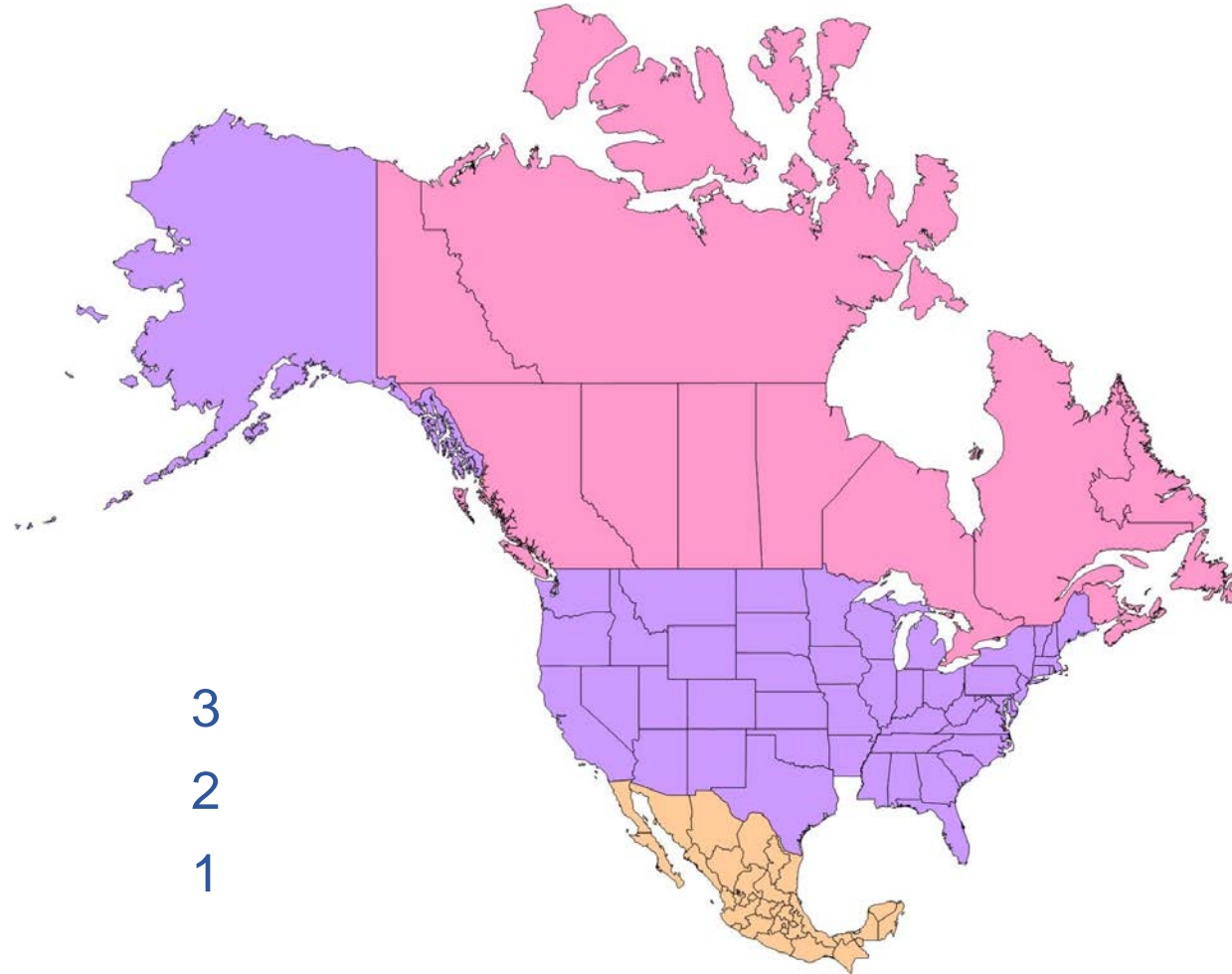


CERTIFICATES GROWTH CONTINUES!





NUMBER OF CERTIFICATES – NAM



Mexico	3
US	2
Canada	1

as of 22 Feb 2015



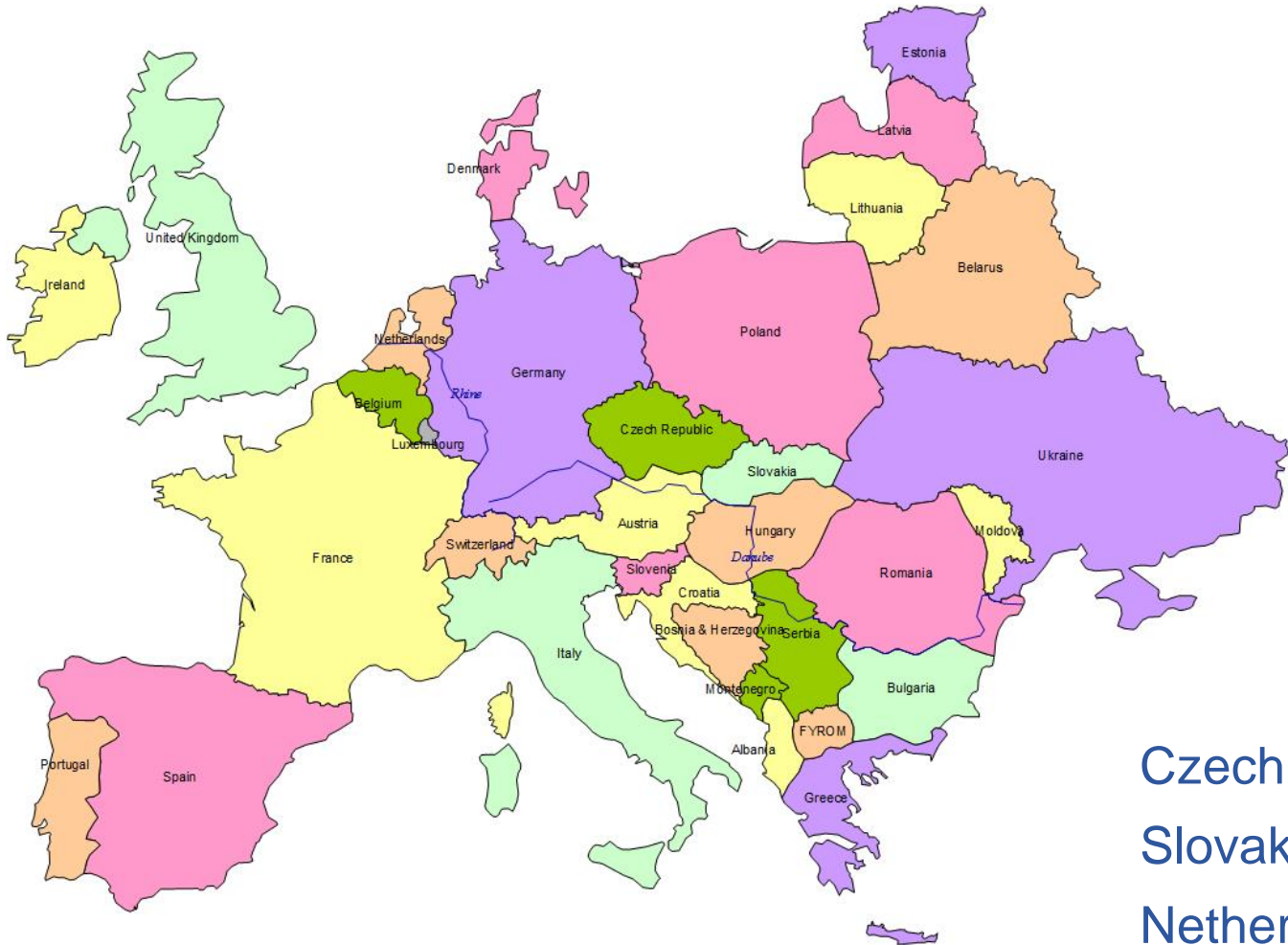
NUMBER OF CERTIFICATES – SAM



Brazil	8
Argentina	2

as of 22 Feb 2015

NUMBER OF CERTIFICATES – EU



Czech Rep	2
Slovakia	1
Netherland	1

as of 22 Feb 2015

NUMBER OF CERTIFICATES

- 77% are in China
- 98% are in the Greater China region
- Many certified sites in China, especially those in the Pearl River Delta region, are subsidiaries of HK companies





COMING TREND - A REMINDER

22 July 2014

Exemption lifted:
Medical devices
Monitoring and
control
instruments

22 July 2017

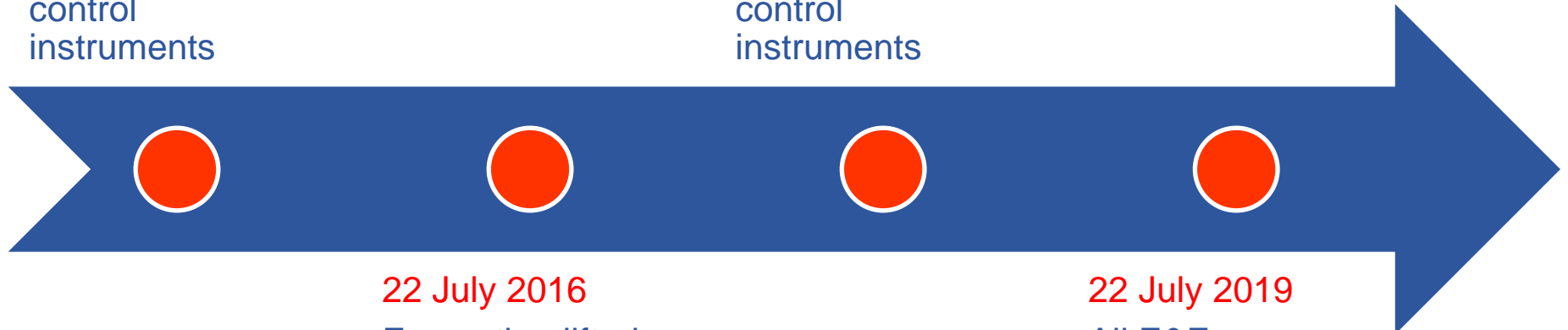
Exemption lifted:
Industrial
monitoring and
control
instruments

22 July 2016

Exemption lifted:
In-vitro diagnostic
medical devices

22 July 2019

All E&E
equipment
covered except
those explicitly
exempted





WG5 WORKS – IECQ QC 080000:2012

- To accommodate other hazardous substances directives and regulations other than RoHS, e.g.
 - Compliance assessment, preparation of technical file, preparation of self-declaration, use of markings, change control, product recall in re-casted RoHS
 - The information communication within the supply chain in REACH
- Better alignment and consistency with ISO 9001:2008
- Remove the ambiguity and clarify the intention of some requirements in IECQ QC 080000:2005



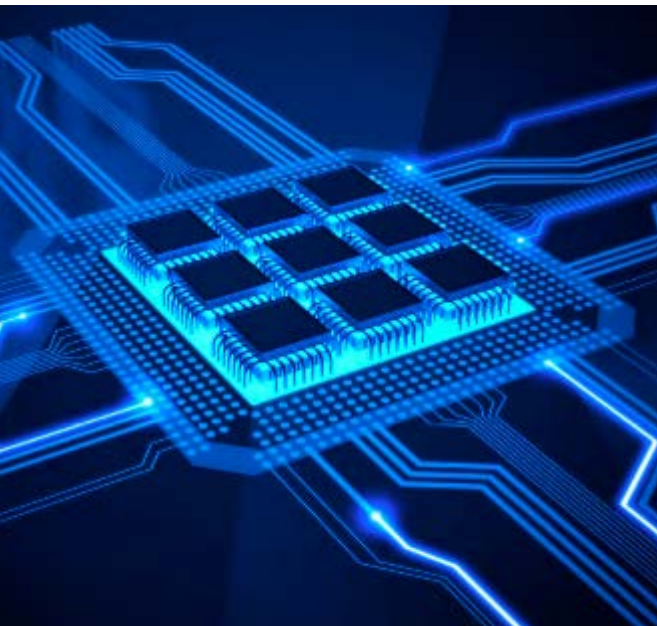
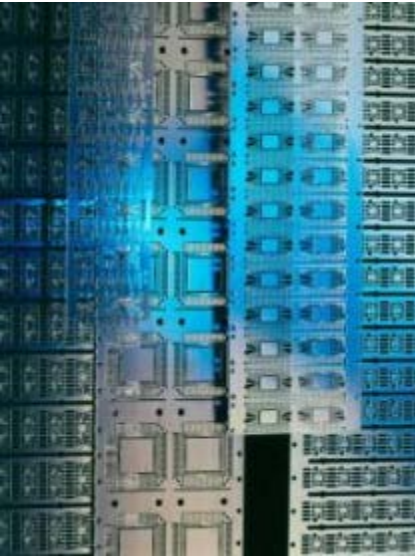
WG5 WORKS - FUTURE DEVELOPMENT

- Revising IECQ QC 080000 to align with ISO 9001:2015
 - Monitoring the development of ISO 9001:2015.
 - Investigating the feasibility of adopting the new ISO Annex SL format

- To review and strengthen the training and auditor qualifications of the IECQ HSPM schemes



OTHER SCHEMES OF INTEREST TO HK INDUSTRY



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E.g. ESD etc.

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IECQ – FUTURE DEVELOPMENT

- Development and growth of the CAP and AQP Programmes
- Development of IECQ CAP Specification for other industries other than ADHP (aerospace, defense, high-performance) industries.
- LED in lighting certification initiative (to be launched in Q3 2015)
- Consideration of supply chains beyond electronics



IECQ – FUTURE DEVELOPMENT

- Membership growth
- Co-ordinated PR with IECEx, IECEE and future IEC Systems, in particular joint global seminars



THANK YOU

