



ExMC/301/Inf
February 2006

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

To: Members of the IECEx Management Committee, ExMC

INTRODUCTION

As agreed during the Buxton ExMC Meeting herewith a copy of Mr Joe Gryn's, CA's Member to CAB and former IECEx Vice Chairman, presentation titled - *Introduction on the role of CAB*.

This is issued for your information.

Chris Agius
IECEx Secretariat

Address:
Standards Australia Building
286 Sussex Street
Sydney NSW 2000
Australia

Contact Details:
Tel: +61 2 8206 6940
Fax: +61 2 8206 6272
e-mail: chris.agius@iecex.com
<http://www.iecex.com>



IEC CONFORMITY ASSESSMENT BOARD

**ExMC Meeting
Buxton, U.K.
October 6-7, 2005**

ROLE OF CAB

Presentation Outline

- IEC Conformity Assessment Board (CAB)

About the IEC

IEC Mission

- To be globally recognized as the provider of standards and conformity assessment-related services needed to facilitate international trade in the fields of electricity, electronics and associated technologies.

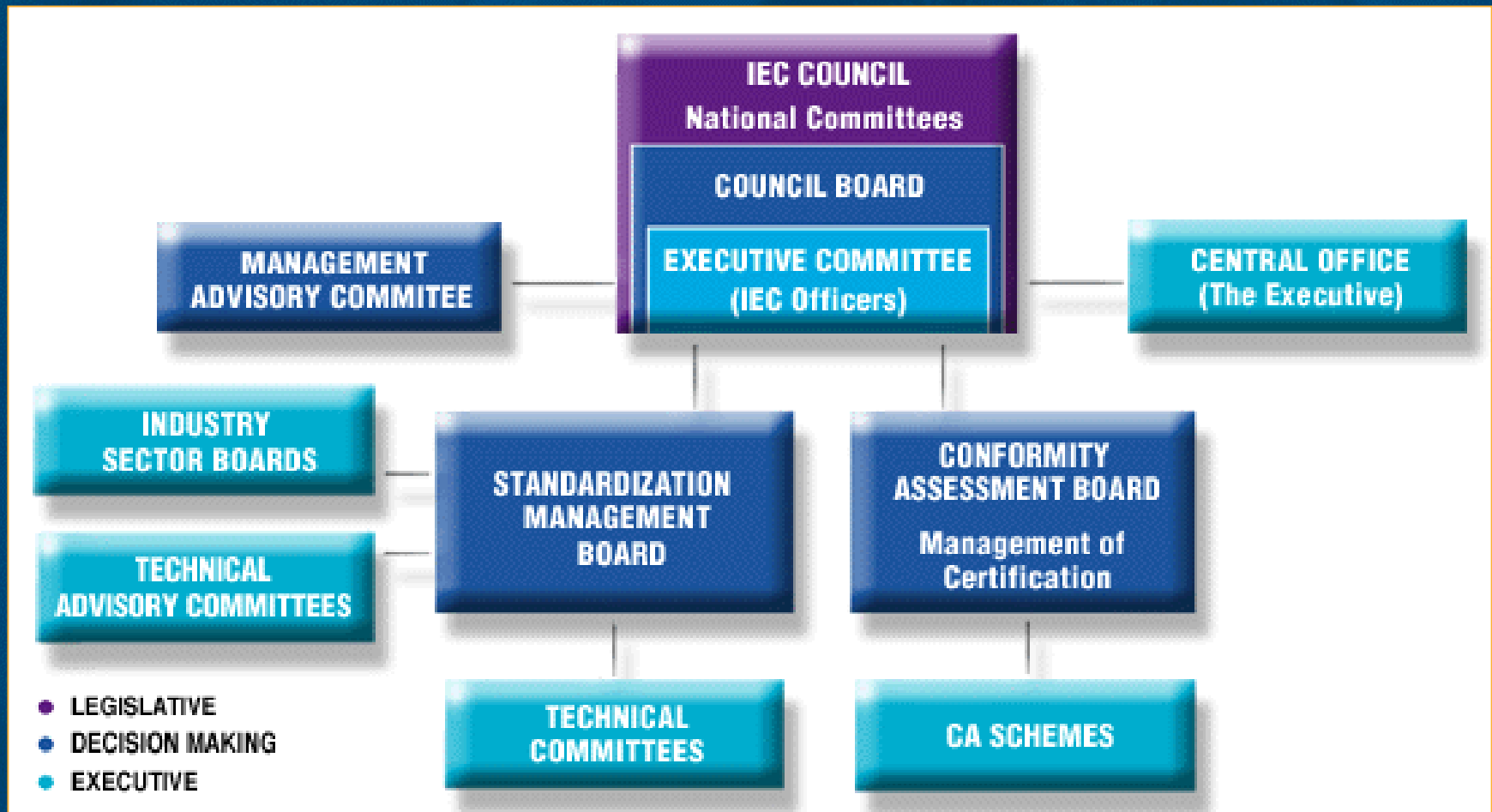
IEC Conformity Assessment Objective

- Be the global platform and one-stop shop of choice in its field for:
 - international consensus-based standards;
 - other deliverables including industry-based technical agreements;
 - global conformity assessment schemes that minimize the need for re-testing, covering products, systems, interfaces, technologies and applications

CAB was established to implement this IEC Conformity Assessment objective.

INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC)

IEC Organizational Structure





CSA INTERNATIONAL

IEC CONFORMITY ASSESSMENT BOARD (CAB)

Conformity Assessment Board IEC/CAB

- Policy-making body of IEC, responsible for all IEC conformity assessment activities
- Reports to the IEC Council Board
- Represents IEC Conformity Assessment Community
- CAB Membership
 - CAB Chairman elected by Council
 - 12 appointed members from elected national committees and twelve alternates
 - Representatives of the IEC Schemes

CAB Membership

- Chairman – Don Grey (Australia), IEC Vice President
- Secretary – Gabriel Barta (IEC staff)
- 12 members plus alternates:
 - Australia Canada China
 - France Germany Japan
 - Netherlands Russia South Africa
 - Sweden UK USA
- Representatives of IECEE, IECEx and IECQ

Role of CAB

- Establishing IEC conformity assessment policy - to serve the needs of international trade
- Promoting and maintaining relations with international, regional and national organizations on conformity assessment matters, eg. ISO/CASCO, ILAC and IAF
- Monitoring the operations of IEC conformity assessment schemes and addressing policy-related problems

Role of CAB (Cont.)

- Ensuring continued relevance of the IEC conformity assessment activities and schemes
 - Approving proposals to set up, modify or disband IEC schemes
-
- The IEC Schemes themselves are responsible for management of their own day-to-day operations and marketing

IEC Conformity Assessment Schemes

- **IECEE (CB Scheme)** - IEC certification scheme for electrical and electronic products for commercial and household use
- **IECEX** - IEC certification scheme for electrical apparatus used in Explosive Atmospheres
- **IECQ** - IEC, quality assurance-based scheme for electronic components

CAB Policies

- Ensuring that IEC conformity assessment activities comply with the principles of WTO TBT Agreement:
 - non-discrimination
 - avoidance of unnecessary obstacles to trade
 - harmonization of CA procedures through the use of international standards and guides
 - transparency to build confidence and stability
- Facilitating free trade by promoting wider acceptability of IEC certificates
- Focusing where a clear market need has been identified

CAB Objectives

- The ultimate objective is global product acceptance based on one test, one certification and when appropriate, one mark
- CAB works towards this objective by:
 - Promoting the acceptability of IEC schemes
 - Encouraging the use of IEC standards, without deviations
 - Examining the relationship between regional, national and international schemes
 - Evaluating the acceptance of IEC conformity assessment certificates in regulatory and non-regulatory sectors
 - Examining the reasons for 'multiple testing'
 - Examining ways to accelerate certification procedures to reduce 'time to market'

CAB - Current Issues

- Development of an IEC Mark (for the IECEx)
- Promotion of IEC Schemes to governments, regulators, industry and product users
- Coordination with ISO/CASCO
 - CABPUB documents – IEC input on draft ISO/CASCO Standards and Guides
- Cooperation with ILAC and IAF
- Inclusion of conformity assessment aspects in product standards