IEC

Ian Dunmill
BIML Assistant Director
IEC Affiliate country programme e-Learning

• Part of ACAS (Affiliate Conformity Assessment Status)
• Aims to further the Affiliate Country participants' understanding and involvement in IEC CA activities
• Courses available on four IEC schemes
ACAS e-Learning courses

• IECEE  Electrical and electronic equipment
• IECEx  Hazardous environments
• IECRE  Renewable energy
• IECQ   Electronic components
IEC Affiliate Country Programme

Launched in 2001, the IEC Affiliate Country Programme is aimed at developing countries around the world. The Programme offers such countries a form of participation in the IEC without the financial burden of actual membership, making full use of IEC 100% electronic environment. The WTO (World Trade Organization) has complimented the IEC on the creation of the programme which provides an appropriate tool to enhance the participation in International Standardization from WTO Members in developing countries.

Removing trade barriers

Through its global reach, the Affiliate Country Programme results in increased awareness, use and adoption of IEC International Standards in developing and newly industrialized countries. It also helps the economic development of these countries by removing technical barriers to trade, as participants use and adopt the IEC International Standards and benefit from its Conformity Assessment Systems.
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About ACAS

What is ACAS

The Affiliate Conformity Assessment Status (ACAS) offers Affiliate participants new benefits in all IEC Conformity Assessment Systems, IECEx, IECEx, IECEx and IECEx, including any future CA systems established by the IEC. The objective is to train Affiliate Countries to use IEC International Standards and benefit from its CA Systems through the recognition of IEC CA certificates at the national level.

ACAS benefit package

The status offers the following benefits:

- Regional awareness events
- Resources (documentation, guidelines, useful links)
- Webinars (upon request)
- Learning modules on IEC website
- Active participation in each system, based on prerequisite training conditions

Who is entitled to ACAS

Any Affiliate Country that has met the following criteria:
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ACAS e-Learning

Recognizing the need to raise awareness and provide a better understanding of the specific requirements linked to conformity assessment activities, the IEC Affiliate Country Programme Secretariat launched the new ACAS (Affiliate Conformity Assessment Status) in August 2013. As part of ACAS, the IEC is providing e-Learning modules to further the Affiliate Country participants’ understanding and involvement in IEC CA activities.

- IEC
- IECEE ACAS e-Learning: Electrical and electronic equipment
- IECEx ACAS e-Learning: Hazardous environments
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IECEx ACAS e-Learning

IECEx (IEC System for Certification to Standards Relating to Equipment for Use in Explosive Atmospheres) covers the highly specialized field of explosion protection associated with the use of equipment in areas where flammable gases, liquids and combustible dusts may be present. This System provides the assurance that equipment is manufactured to meet safety standards, and that services such as installation, repair and overhaul also comply with IEC International Standards on safety.

The ACAS e-Learning modules in this section are intended to provide a better understanding of the functioning of the IECEx as well as its conformity assessment activities. The knowledge has been split into 3 levels: Introductory, Intermediate and Advanced.

LEVELS

Level 0 - Introductory e-Learning modules
Introductory e-Learning modules are available for all.

Level 1 - Intermediate e-Learning modules
Intermediate e-Learning modules will be available only for Affiliate participants nominated through the ACAS Pledge signed by their country. Participants who have completed the introductory and intermediate e-Learning modules are invited to take a test at the end.

Level 2 - Advanced e-Learning modules
Advanced e-Learning modules will be available only for Affiliate participants who have passed the test for the previous levels, and whose country has signed the ACAS Declaration. Participants will receive a "Recognition of Achievement" attesting that they have successfully completed the IECEx e-Learning course.
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### IECEx ACAS e-Learning

**Level 0: Introductory**

These are the introductory e-Learning modules on the IECEx (IEC System for Certification to Standards Relating to Equipment for Use in Explosive Atmospheres).

*If you do not have PowerPoint, download the PowerPoint viewer to view the PowerPoint show files.*

<table>
<thead>
<tr>
<th>Module</th>
<th>Title, Description</th>
<th>Download(s)</th>
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<tbody>
<tr>
<td>21 - Unit 1</td>
<td>ACAS IECEx Level 0 Explosive environments</td>
<td><a href="#">4.9 MB PowerPoint show with audio</a>, <a href="#">1.1 MB PDF with speaker's notes</a></td>
</tr>
<tr>
<td>21 - Unit 2</td>
<td>ACAS IECEx Level 0 Ex world market</td>
<td><a href="#">4.5 MB PowerPoint show with audio</a>, <a href="#">1.3 MB PDF with speaker's notes</a></td>
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<tr>
<td>21 - Unit 3</td>
<td>ACAS IECEx Level 0 IECEx solution - what is it?</td>
<td><a href="#">6.4 MB PowerPoint show with audio</a>, <a href="#">1.3 MB PDF with speaker's notes</a></td>
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<td>21 - Unit 5</td>
<td>ACAS IECEx Level 0 IECEx - a short history</td>
<td><a href="#">4.6 MB PowerPoint show with audio</a>, <a href="#">1.1 MB PDF with speaker's notes</a></td>
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## IECEx ACAS e-Learning

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Module 21 – Unit 1 – ACAS IEXEx Level 0

Powerpoint slideshow

Annotated PDF file
## IEC Academy

Providing high quality training, offering webinars, eLearning, regional and national workshops to the global IEC community.

### Reference Material
- Roles & responsibilities
  - TC/SC officers, WG/MT convenors, PT leaders & experts

- Processes & Procedures
  - For the development and maintenance of International Standards

### eLearning

<table>
<thead>
<tr>
<th>Training</th>
<th>Title</th>
<th>Time (CET)</th>
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<th>Download Presentation</th>
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<tr>
<td>IEC Central Office training activities for NCs and TC/SC chairmen and secretaries</td>
<td>Standards Development Process - IEC Directives</td>
<td>09:00, 15:00</td>
<td>Video</td>
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<tr>
<td></td>
<td>How to get global value &amp; impact for your business and industry</td>
<td>09:00, 15:00</td>
<td>Video</td>
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<td>Good practice in Drafting and Editing IEC Standards</td>
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<td>Renewable Energy - limiting risk, ensuring the future</td>
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<td>Kaizen - Better Standards through user feedback</td>
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<td></td>
<td>The importance of terminology and 10</td>
<td>09:00, 15:00</td>
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Overview

Upon request, the IEC Central Office provides training for technical committees, either on-site at the CO's Geneva location or via web conferencing.

You can request training about drafting IEC publications and administrative procedures.
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Online interactive training course
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Introduction to the IEC

The IEC is the leading global organization that develops international standards and manages conformity assessment systems for all electronic, electric and related matters.
Thank you