



IEC ACADEMY WEBINAR Q&A

IEC Conformity Assessment – what are the benefits for our stakeholders and how do we achieve them?

Questions	Answers
<p>Is there any special support being given by IEC to 3rd world countries so that standards can be also be implemented in their country? I think many third world countries are turning into a testing grounds of many products, because of lack of standard protocols in that countries.</p>	<p>IEC operates the IEC Affiliate Country Programme, please visit the website "<a href="http://www.iec.ch/developing-countries">www.iec.ch/developing-countries</a>".</p>
<p>Is there a universal/common database to check that a device is conformant to an IEC standard? Each certification laboratory can have his own database but I did not found a centralised database maintained by IEC.</p>	<p>Each of the IEC Conformity Assessment Systems, IECEE / IECEX / IECQ / IECRE, maintain their own Online Certificate database system. These can be accessed from each of their websites:</p> <p><a href="http://www.iecee.org">http://www.iecee.org</a></p> <p><a href="http://www.iecex.com">www.iecex.com</a></p> <p><a href="http://www.iecq.org">www.iecq.org</a></p> <p><a href="http://www.iecre.org">www.iecre.org</a></p>
<p>What is the benefit to governments of having IEC CA systems applicable in their respective countries? What happens if a country has certain regulations and yet, the IEC CA systems in that space are not established?</p>	<p>The main benefit is that Governments do not need to invest in developing their own "Compliance Program" they may simply accept an IEC Certificate as a means of satisfying their essential requirements regarding compliance with standards. This also assists governments to enable access for their community to modern technology while maintaining appropriate safety levels.</p>
<p>Some people in the Quality Infrastructure-area (and CA is part of QI) have suggested that QI should also address - as a fundamental objective - sustainability (in addition to safety, quality etc.). IEC also works on areas like renewable energy. Why did you not mention sustainability as an objective?</p>	<p>You are correct. Sustainability is, yet another, important benefit of the IEC Conformity Assessment Systems and activities.</p>
<p>Please provide a link where one can access the online certificate for IECEE Certificates.</p>	<p>You should find them at <a href="https://www.iecee.org/certification/certificates/">https://www.iecee.org/certification/certificates/</a></p> <p>But if you need additional information, please contact the IECEE Secretariat at <a href="https://www.iecee.org/about/contactus/">https://www.iecee.org/about/contactus/</a></p>

<p>Does IEC CA have Conformity Assessment Systems for Circularity, Carbon Footprint, GHG Emissions &amp; energy Efficiency?</p>	<p>IEC Conformity Assessment Board and the IECQ through a newly established Working Group, WG14 "Green Approach", is working with IEC TC 111 on some of these matters. IECEE is dealing with Energy efficiency.</p>
<p>Is it correct, that over 50 countries worldwide take part in the CB system?</p>	<p>Is it correct that over 50 countries worldwide take part in the CB scheme. At present 54, as can be seen here:  <a href="https://www.iecee.org/dyn/www/f?p=106:40:0">https://www.iecee.org/dyn/www/f?p=106:40:0</a></p>
<p>What are the members of IECEE? Countries, i.e. national committees, or test labs with CBTL/NCB status?</p>	<p>Each of the IEC Conformity Assessment Systems of IECEE / IECEx / IECQ / IECRE have their own Management Committees. Members of these Management Committees are the countries. Then each of the IEC CA Systems then have member Certification Bodies / Test Laboratories / Inspection Bodies that are accepted into the Systems following a peer assessment process.</p>
<p>Which IEC Conformity Assessment Systems is relevant to use for IEC TC57 particularly for the standards series 61968, 61970 and 62325?</p>	<p>Probably none of them, so far.</p>
<p>Not all standards are covered by IEC CA. Is there a plan or roadmap for including additional standards? (Eg: Communication standards like IEC 62351, 60870, 61850, 62351 etc.).</p>	<p>Cyber security certification is now a part of the IECEE system. Any TC may put forward a request for their Standards to be included, or for IEC to consider a program/system be set up. There are a number of possibilities available, including to have one of the existing CA Systems take these onboard or to create a separate CA System.</p>
<p>Hi could please advise me about IEC training program?</p>	<p>What specific topics are you looking for? The <a href="#">IEC Academy website</a> and <a href="#">online learning platform</a> are good places to start.</p> <p>Also, the IECEx currently have 33 Training Organisations recognised by IECEx as providing detailed technical training in the field of Ex. See <a href="https://www.iecex.com/information/rtps/">https://www.iecex.com/information/rtps/</a></p> <p>IECQ also offers Auditor Training courses, specific to persons that conduct factory audits in the area of Supply chain auditing covering Avionics, Hazardous Substances, Counterfeit avoidance and so on. See <a href="http://www.iecq.org">www.iecq.org</a></p>
<p>Any plans for IEC CA systems for Sustainability, especially Sustainability Development Goals (SDGs). There is a huge global demand for these, specially from manufacturers keen to reinforce their commitment to sustainability.</p>	<p>Live answered and covered above.</p>

<p>How does IEC CA connect its work that of IEC standardization work (and at what stage of the standards development process)?</p>	<p>The IEC CA Systems are mostly users of the testing standards but give feedback to the relevant IEC TC about any experienced shortcomings. However, there are special situations where the TCs and the CA Systems work very closely BUT always maintaining separation of standards development and CA activities, these special areas include:</p> <p>IECEX: TC 31</p> <p>IECRE: TC 82, TC 88, TC 114</p> <p>IECQ: TC 107, TC 111</p>
<p>How can we download the slide presented?</p>	<p>The recording of this webinar, slides and the Q&amp;A will be made available at <a href="http://www.iec.ch/academy/webinars">www.iec.ch/academy/webinars</a>. All participants will receive a mail once the material is available.</p>
<p>For the consumer IoT CA, who in IEC should I talk to?</p>	<p>The <a href="#">IECEE secretariat</a> c/o Mr. Wolfram Zeitz may be contacted, including for being updated on including this in the CB scheme.</p>
<p>I am looking for IECEX training.</p>	<p>Live answered. Refer to the IECEX RTPs (Recognised Training Providers) at <a href="https://www.iecex.com/information/rtps/">https://www.iecex.com/information/rtps/</a></p>
<p>How can management committee can help us for organizing local conference in other to promote the importance of CA in local country?</p>	<p>Please contact the African Regional Centre of the IEC or send a mail to <a href="mailto:academy@iec.ch">academy@iec.ch</a></p>
<p>How to deal with the other standards ex. IEEE imposed by the tender papers.</p>	<p>Live answered.</p>
<p>According to my understand, in order for a company to become an IECEX Certification Body. It is mandatory that the country at which company locate has to be a member of IECEX. Why does IECEX require this? My company is in Vietnam. We want to apply for Ex CB personnel scheme but Vietnam is not a member of IECEX yet.</p>	<p>Please contact Chris Agius at the IECEX Secretariat at <a href="mailto:info@iecex.com">info@iecex.com</a></p>
<p>If a certified product gets compromised during an incident, who is taking the responsibility of the damage? Does IECEE have an insurance coverage? Who is the responsible party for estimating the risk level?</p>	<p>The liability remains primarily with the manufacturer. Regarding conformity assessment it remains with the body having issued the certificate, and not by the IECEE. However, the equipment owner has the responsibility to ensure they install, use, and maintain the equipment according to the manufacturer's instructions and any legislative requirements and conditions of certification.</p>
<p>Also how can you help young men in our poor country to follow training in IEC Academy?</p>	<p>We are offering these public webinars so that everybody can be trained. You can find more information on the support to Affiliate countries here <a href="https://www.iec.ch/acp">https://www.iec.ch/acp</a></p>

<p>How a laboratory can be a support of Conformity assessment body.</p>	<p>The IECEx CA Systems each have different procedures to address the differing industries and scopes of their schemes.</p>
<p>Performing an assessment on IoT products using an ETSI TS 103 646 profile (presumably based on 62443-4-2) that is not following the actual standard.</p>	<p>(See response to presumably the same matter further below).</p>
<p>You mentioned that there are various competing CA-systems that operate on (slightly) different rules and lead to high complexity and market fragmentation. Do you have any evidence that the IEC-CA-systems contributed to reducing the number of competing systems?</p>	<p>Not aware of any competing international certification systems. (May be some misunderstanding here?) There are some areas where regional schemes may be considered as competing internationally.</p>
<p>Having an IECEE certification against the ETSI (presumably 62443 profile) and another IECEE 62443-4-2 based can create confusion within the market. If IECEE decides to create such ETSI certificate, how do you send a clear message to the market regarding cybersecurity?</p>	<p>I cannot give a good answer to that question but will check with expert colleagues about that. (Email correspondence in process).</p>
<p>Does a test lab have to be part of the NC to participate in the CA systems?</p>	<p>A test lab must be associated with a certification body which the responsible operator with the CA System.</p>
<p>May an internal laboratory of a manufacturer become a CBTL?</p>	<p>Yes, per the CTF (Client Testing Facilities' program). The relevant rules are available here: <a href="https://www.iecee.org/documents/refdocs/">https://www.iecee.org/documents/refdocs/</a></p>
<p>Are there any concrete plans for IECEE CB scheme for EMC testing similar to safety testing?</p>	<p>It already exists (for many years), Please see the list of included EMC standards here: <a href="https://www.iecee.org/dyn/www/f?p=106:48:0">https://www.iecee.org/dyn/www/f?p=106:48:0</a></p>

<p>Regarding: Binary power generation systems.</p> <p>PC126 will soon issue FDIS IEC 63277 Binary power generation systems with capacities less than 100 kW - Performance test method.</p> <p>For renewable energy conformity assessment, how the first standard could be used as IEC CB scheme?</p> <p>For household appliances TC61 (Safety), TRF is made by voluntary test laboratories.</p> <p>There is no CB scheme for renewable energy conformity assessment of binary power generation systems. One of my friend of test laboratory would be willing to make TRF for Binary power generation systems.</p> <p>Could you tell me how to proceed to establish conformity assessment for binary power generation systems, please?</p>	<p>IECRE is dedicated to the renewable energy sector:</p> <p><a href="https://www.iecre.org/">https://www.iecre.org/</a></p>
<p><b>For any further questions, please contact the IEC Academy, <a href="mailto:academy@iec.ch">academy@iec.ch</a></b></p>	