

COMPARE		
Organization / Management	Industry Representatives (Manufacturers, Certification Bodies, Ex Equipment End Users, Regulators, Community interests)	E. U. Commission (Government Regulatory) Covers Equipment, Remove barriers to trade and improve safety for equipment and workers
Aim	One Single Certificate, for any hazardous area product and Services recognized and accepted worldwide (Market Acceptance)	ATEX Directive is Law in all the E. U. Countries (Mandatory application)
Validity / Legal	Products with IECEx Certificate accepted in several countries  Alternatively a single Ex Test Report (ExTR) can be sent to any IECEx Certifier to issue locally accepted certification	Limited to Europe
Field of Application	Electrical and Non electrical products and systems • Gas / Dust Industries • Now Covering SERVICE INDUSTRIES, e.g. Repair and Overhaul	Electrical and non electrical products and systems in • Gas/Dust Industries • Equipment ONLY
Standards Used	International Standards only , e.g. IEC  Compliance to Standards is mandatory	Any recognized Standard may be applied provided it meets the Essential Health and Safety Requirements of the Directive. However, the E.U. Commission approves list of Harmonized Standards. Allows for Interpretation  Compliance to Standards not mandatory but is generally used to assess products
Certification Procedure	<p>Ex Certification Body issue (ExCB)for Certified Equipment Program:</p> <ul style="list-style-type: none"> <li>• Ex TR (Product Type)</li> <li>• Ex QAR (production facility Quality Audit Report)</li> <li>• IECEx CoC (Certificate of Conformity)</li> </ul> <p>ExCBs issue [for Certified Service Facilities Program]</p> <ul style="list-style-type: none"> <li>• CAR (IEC 60079-19 Compliance Report Form)</li> <li>• FAR (Facilities Audit Report Form)</li> <li>• IECEx CoC (Certificate of Conformity)</li> </ul> <p>On-Line Certificate of Conformity System -</p> <ul style="list-style-type: none"> <li>• Reports are officially registered on IECEx website</li> <li>• Electronic On-Line CoC available for full public view, acts as master controlled version</li> </ul> <p>Common Rules applicable to all applications</p> <ul style="list-style-type: none"> <li>• Rules of Procedure for each Program (IECEX 02, IECEx 03, IECEx 04)</li> <li>• Operational Document ODs provide Standard operating procedures to be followed by all ExCBs</li> <li>• Technical Decision Sheets</li> <li>• Accessible full listing along with all Scheme documents maintained and available via single IECEx website location</li> <li>• Single appeals body available</li> <li>• Decisions of the Management Committee are binding on all ExCBs, Certificate Holders etc.</li> </ul>	<p>ExNBs issue</p> <ul style="list-style-type: none"> <li>• EC Type examination certificate</li> <li>• Ex QAN (Quality Assessment Notification for production facility)</li> </ul>
Conformity Assessment	<p>For IECEx Certified Equipment Program:</p> <ul style="list-style-type: none"> <li>• ExTR + QAR = IECEx Certificate of Conformity (CoC)</li> <li>• ExTR = IECEx Test Report</li> <li>• QAR = IECEx Quality Assessment Report</li> <li>• Applicable to ALL products, no difference between Zones or products</li> <li>• CoC issued via Secure IEC Website ensures FULL Public access to issued Certificates</li> <li>• Self Certification not permitted</li> </ul> <p>For IECEx Certified Services:</p> <ul style="list-style-type: none"> <li>• FAR + Assessment of Competencies = IECEx Certificate</li> <li>• FAR = Facilities Audit Report</li> <li>• Applicable to ALL Services</li> <li>• CoC issued via Secure IEC Website ensures FULL Public access to issued Certificates</li> <li>• Self Certification not permitted</li> </ul>	<p>Declaration of Conformity by Manufacturer to declare that he is in possession of necessary documents and reports. Certificate issued by ExNB only for category 1 / 2 and M 1 / 2 electrical equipment</p> <p>Self certification allowed for Category 3 and Category 2 Mechanical.</p> <p>Does not cover service facilities.</p>
Organisms for Certification	<p>All ExCBs and ExTLs are subject to the following assessment:</p> <ul style="list-style-type: none"> <li>• Initial Peer Assessment by a 3 member IECEx Assessment Team, prior to entry to IECEx</li> <li>• Annual Surveillance of ExCBs and ExTLs</li> <li>• 5 Year re-assessment for all ExCBs and ExTLs</li> </ul> <p>Dedicated IECEx Technical Secretariat to manage day to day operations of the IECEx Scheme</p> <p>IECEX Management Committee (ExMC) IECEX Technical Assessment Group (ExTAG) IECEX Conformity Mark Committee (ExMarkCo)</p>	<p>ATEX Notified Bodies (ExNBs) appointed by individual nomination of the governments of their countries.</p> <p>A common assessment system does not exist. Surveillance of ExNBs dependant upon national governments</p>
Manufacturer Surveillance	ExCB maintains the Status of the IECEx Certificate of Conformity based on the outcome of follow up Quality Audits, QARs	ExNBs conduct regular audits of manufacturers
Workplace Requirements	Nothing – Refers to National regulations	ATEX Directive 137 contains special requirements for workers and management