



# IECEx Assessor Training – 23 September 2019 Dubai

Chris AGIUS  
Executive Secretary IECEx

- Carry out the Formal Assessment of ExTLs and ExCBs under the IECEx Peer Assessment Process, in line with ISO/IEC 17040
- IECEx Assessors are the “**Eyes**” and “**Ears**” of the IECEx Membership and Stakeholders that rely on IECEx Certifications, to ensure ExTLs + ExCBs meet IECEx requirements
- National accreditation held by ExTL and ExCBs a good start **BUT NOT** the complete story – does not take into account the IECEx Rules and Standard Operating procedures (ODs) nor the type or format of reporting (ExTRs + QARs) nor the issuing of IECEx CoCs
- IECEx Assessors carry IECEx on their shoulders!

- **Day to Day running of the System**
- **Financial Management, with Treasurer and Executive**
- **Oversee Development of new services**
- **Maintenance of existing services and supporting elements, eg Documentation, website etc**
- **Promotion and Marketing and growth.**
- **Compliance, eg:**
  - Industry complying with IECEx Rules and General Business practise, eg any misuse of the IECEx
  - Membership Compliance, eg ExCBs+ExTLs
  - Secretariat Compliance with roles and responsibilities

## IECEX System

IECEX Equipment Scheme  
Certification of Ex Equipment

**Choice between:**

IECEX "Certificate of  
Conformity"

IECEX "Component  
Certificate"

IECEX "Unit  
Verification" Cert.

IECEX Conformity Mark License



IECEX Services Scheme  
Certification of Ex Service Providers



IECEX Certificate of Personal  
Competence Scheme (CoPC)



IECEX Recognised Training Provider  
Program (RTP)  
Recognition of Training Bodies supporting CoPC

An IECEx Certificate is more than just a piece of paper or electronic file!!!  
**It is a Compliance Instrument used by different stakeholders, including Inspectorates + Regulators.**

**Key Message:**

**<Certificates need to be clear + Credible>**

IECEX Certificate of Conformity	
INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres	
for rules and details of the IECEx Scheme visit <a href="http://www.iecex.com">www.iecex.com</a>	
Certificate No.:	IECEX BAS 08.0111X Issue No. 1
Status:	Current
Date of issue:	2010-02-10 Page 1 of 4
Applicant:	Hawke International A Division of Hubbell Limited A Member of the Hubbell Group of Companies Caford Street West Ashton-under-Lyne Lancashire OL7 0NA United Kingdom
Electrical Appendix:	PR411 and PR453 Cable Glands
Optional accessory:	
Type of Protection:	Flameproof, Increased Safety and Dust
Marking:	Ex d IIC Ex e II Ex tD A21 IP66 (-60°C ≤ ta ≤ +80°C) for the PR453, or +100°C for the PR411
Approved for issue on behalf of the IECEx Certification Body:	R S Sindair
Position:	Managing Director
Signature: (for printed version)	
Date:	
1. This certificate and schedule may only be reproduced in full. 2. This certificate is not transferable and remains the property of the issuing body. 3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.	
Certificate issued by:	
	<p>Baseefa Rockhead Business Park Staden Lane Buxton Derbyshire SK17 9RZ United Kingdom</p>

<p>Baseefa Rockhead Business Park Staden Lane, Buxton, Derbyshire SK17 9RZ United Kingdom</p>	
ANNEX to IECEx BAS 08.0111X	Issue No. 0
	Date: 2009/02/13

Each of the following gland types may be manufactured in brass, stainless steel or aluminum and may be supplied with specified alternative entry thread forms.

**Variant 0.1 - Type PR 411**

The Type PR 411 cable gland is intended for use with an effectively filled circular cable in flameproof applications. For other protection concepts the cable gland is intended for use with effectively filled circular, unarmoured, armoured, steel basket weave armoured or braided (screened) cable and comprises the following components :-

- a. An entry component in the size ranges Os to F (M16 to M75)
- b. A compressible sealing ring
- c. A nylon skid washer
- d. A threaded compression spigot

**Variant 0.2 - Type PR 453**

The Type PR 453 cable gland is intended for use with an effectively filled and circular armoured or braided cable and comprises the following components :-

- a. An entry component, in the size range Os to F (M16 to M75)
- b. A compressible sealing ring
- c. A combined compression spigot and armour clamping cone
- d. A dedicated armour, or braid, clamping ring
- e. A middle nut
- f. An outer seal assembly (sleeve seal and support ring Os-F)
- g. A back nut

**For those considering to become an IECEx Assessor  
– refer to the IECEx website**

**<https://www.iecex.com/members-area/new-document-library-page/procedures-for-the-appointment-of-experts-as-assessors/>**

**Thank you**