



ExMC/1244/DV
July 2017

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

Title: Application received from the BR IECEx Member Body for Mr. Eduardo Galera to become an IECEx Approved Assessor

Circulated to: IECEx Management Committee, ExMC

INTRODUCTION

The ExMC WG4 *Technical Reference Group for Assessment of ExCBs and ExTLs* has considered the attached application received from the BR IECEx Member Body and recommend the acceptance of Mr. Eduardo Galera to become an IECEx Approved Assessor.

In light of Mr. Galera's experience and CV, details attached, which indicate his experience in Hazardous Areas, WG4 supports Eduardo Galera's application to become an IECEx Approved Assessor.

Therefore please consider the application and return the completed voting form to the

[IECEX Secretariat](#) by

2017 08 30

Kind regards

Chris Agius
IECEX Secretariat

<p>Address: Level 33, Australia Square 264 George Street Sydney NSW 2000 Australia</p>	<p>Contact Details: Tel: +61 2 4628 4690 Fax: +61 2 4627 5285 e-mail: chris.agius@iecex.com http://www.iecex.com</p>
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IECEX Assessor Application/Reconfirmation or Additional Details Questionnaire

PERSONAL DETAILS

Surname	Galera	Forename	Eduardo	Title (Mr, Ms, Dr etc) Dr.-Ing.
Address	Avenida Engenheiro Luis Carlos Berrini, 105 – 24º Andar			Mr.
Country	Brazil	Area/Zip/Postal Code	São Paulo / 04571-010	
Telephone	+55 11 98463 0016 (mobile)	Fax		E mail eduardo.galera@ul.com

Availability

The availability of assessors is critical to the bodies being assessed and to the credibility of the Scheme. Your work circumstances, personal circumstances, or health issues that could affect travelling may influence this or your ability to conduct a demanding audit. Please make a realistic assessment of your situation as follows:

Are you available to attend assessments anywhere in the world?	Yes
Prior to and after assessments will you have sufficient time to respond to issues related to assessments so they can be carried out and concluded in a timely manner?	Yes

Language

The prime language of assessments is English. Hence good English skills, both written and verbal, are essential. Other languages may occasionally be used in addition. Please advise of your skills as follows:

How would you rate your English?	Everyday language	Yes	Good		Fair		Poor	
What other languages can you speak well?	Portuguese (native language)							

TRAINING AND EXPERIENCE

Auditor training on ISO/IEC Guide 65, ISO/IEC 17025 or ISO 9001

Clearly identify any lead assessor training

Date	Training Provider	Course Title	Duration
Oct 05-07, 2016	DQS	Internal Auditor ISO 9001:2015	24 h

Nov 22-26, 2010	HGB Consultoria e Gestão	Lead Auditor of Quality System Management Course – NBR ISO 9001:2008	40 h
Feb 14-17, 2005	Excel Partnership, Inc.	Internal Auditor ISO/IEC 17025, ISO 9001:2000 and ISO/IEC Guide 65	32 h

Employment or other experience for past 10 years relevant to Ex

Dates (from/to)	Employer	Type of Business	Duties
2004/2011	UL do Brasil Certificações	Oil & Gas (O&G) Brazil	Senior Project Engineer responsible to conduct assessment of Ex products (focusing on Ex d, m, i, t and dispensers for ATEX/IECEX/INMETRO/UL product certification and quality assessment audits) including product evaluation, test plan, witnessing test and conduct quality audits.
2012/present	UL do Brasil Certificações	Oil & Gas (O&G) Latin America	Engineering Leader for O&G Latin America responsible of O&G business development, team revenue and performance and act as reviewer of Ex projects and perform quality audits. Experience with Ex d, m, i, t and dispensers, both high and low current, lead assessor for quality audits and act as examiner for personnel competence.

IECEX experience for past 5 years	
IECEX meetings attended	Fortaleza (2013); New Zealand (2015); South Africa (2016).
Roles held in IECEX Scheme	Member of ExPCC WG's 1 to 3.
Experience with Scheme in own country	Member of National Committee SC IECEX BR; Quality audits performed for Brazilian manufacturers; ExCB for product and personnel competence certifications.
Other	Member of the Brazilian Standardization Committee to created Brazilian standards based on IEC ones.

Assessment/audit experience	Lead Auditor		Auditor		Expert
Number of external assessments/audits carried out in past 2 years	05		-		05
Number of assessments carried out for the IECEX Scheme for:					
Past 2 years	02		-		02
Since the Scheme commenced	04		-		08
Number of other external assessments/audits in past 2 years relevant to assessment of Ex certification bodies, Ex testing laboratories or Ex repair facilities	-		-		-

Referees who may be contacted to ascertain personal attributes and management capabilities relevant to assessment of IECEx certification bodies and testing laboratories (ISO 19011: 2002 Guidelines for quality and/or environmental management systems auditing - Clause 7)

Surname	Jasmin	Title (Mr, Ms, Dr etc)	Mr.
Forename(s)	Omerovic	Country	Denmark
Address	Borupvang 5A	Telephone	+45 4485 6241
	2750 Ballerup	Fax	+45 4485 6500
	Denmark	E-mail	jasmin.omerovic@ul.com

Surname	Katy	Title (Mr, Ms, Dr etc)	Ms.
Forename(s)	Holdredge	Country	USA
Address	333 Pfingsten Rd.	Telephone	+1 847 664 2321
	Northbrook, IL 60062	Fax	-
	USA	E-mail	katy.a.holdredge@ul.com

If appointed or re-appointed as an IECEx assessor I will conduct my work to the requisite standard of integrity, competence, impartiality and confidentiality. I certify that the information given in this questionnaire is true and correct.

Signed:



Date: 2017-02-14

Endorsed by IECEx Member Body

On behalf of the Brazilian member Body of the IECEx, I confirm that the details given in this questionnaire have been checked and found to be correct and has our support.

Signed:

Date:

Name: José Sebastião Viel

Organisation: COBEI

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Education/Training/Language Skills/Current Responsibilities

Personal Data Sheet			
Full Name:	Eduardo Galera	Employee No.	03338
Date of hire:	April 01, 2004	Job title:	Engineering Leader
Office:	SPL	Dept. No.	3000ESPC

Education (Basic education from College/University)		
Institute College, University or other institute	Date of graduation	Degree or title
Rio Branco High School	December, 2000	Basic High School
Mackenzie University	July, 2005	Electrical Engineer (Electronic)
Fundação Getúlio Vargas	September, 2012	MBA in Strategic and Economic Project Management

Professional experience			
Company	Period of employment	Job title	Type of work or area of responsibility
Bertec Tecnologia de Automação	September, 2001 to March, 2004	Trainee	Engineering Department.
UL do Brasil	April, 2004 to December 2005	Trainee	Trainee in Hazardous Location.
UL do Brasil	January, 2006- March, 2012	Senior Project Engineer	Project Handler responsible for handling projects of gasoline dispensers and pumps and intrinsic safety type of protection. Conduct quality audits and training and seminars.
UL do Brasil	April, 2012 - current	Engineering Leader	Responsible for the operations of Energy & Power Technologies team in Latin America including the following business Hazardous Locations, Gas & Oil, Power & Controls and Renewable Energy.

Non-Degree training before joining UL			
Type of training	Period of training	Institute or instructor	Outcome (certificate, license, registration, grade)
NA			

Non-Degree training after joining UL¹			
Type of training	Period of training	Institute or instructor	Outcome (certificate, license, registration, grade)
NBR ISO 9001:2000, NBR ISO/IEC 17025, GUIDE 65 Internal Auditor	February 14-18, 2005	EXCEL - UL INC.	Certificate
Electrical Installations in Hazardous Locations	February 7-10, 2006	ConsoleEx	Certificate
eSpace module: CB-103, CB-120 and CB-130	February 2007	UL DEMKO	Registration
ATEX Training	July 2007	UL DEMKO	Registration
IS Training	April 2008	UL DEMKO/Bob Deadman	Registration
ATEX/IECEx Training	June 2008	UL DEMKO	Registration
IS Global Procedure Training	August 2008	UL DEMKO	Registration
IS Training	October 2008	UL DEMKO	Registration
NFPA Training	November 2008	UL DEMKO	Registration
Lead Assessor ISO 9001	November 2010	HGB	Certificate
Management Essentials Program	December 2013	UL University	Certificate
Greenbelt	May 2014	UL University	Certificate
Leadership Essential Program	August 2015	UL University	Certificate
Internal Auditor	October 2016	DQS	Certificate

¹Must include mandatory training in accordance with that specified in Mark Program Manual(s). E.g. Food Safety Program Equipment Sanitation Certification Manual clause 4.2©3, referring to training criteria as described in SOP FSP-0009

Education/Training/Language Skills/Current Responsibilities (Cont)

Language Skills			
Level of skills	[Limited]	[Conversational]	Fluent
Local:			Brazilian Portuguese
<i>Spoken</i>			Yes
<i>Written</i>			Yes
English			
<i>Spoken</i>			Yes
<i>Written</i>			Yes
Any other:			
<i>Spoken</i>			
<i>Written</i>			
Other:			
<i>Spoken</i>			
<i>Written</i>			

Brief Description of current type of work or area of responsibility at UL
Engineering Leader for O&G Latin America responsible of O&G business development, team revenue and performance and act as reviewer of Ex projects and perform quality audits. Experience with Ex d, m, i, t and gasoline dispensers, both high and low current, lead assessor for quality audits and act as examiner for personnel competence.

Brief Description of previous type of work or area of responsibility at UL
The same as before.

Remarks
NA

Work Experience in DAP (Data Acceptance Programs)

Project experience in DAP (Data Acceptance Programs)				
Project handler				
Industry/SBU Group*	Type of DAP	Product Standard(s)	Estimated # Projects	Remarks
Hazloc	INMETRO Mark (similar to DAP)	EN 13617-1	10	Various manufacturers in Brazil

Work Experience as Project Handler

Summary overall project experience at Project handler level (Engineering level)				
Industry/SBU Group*	Product Standard(s)	# Years (est)	# Jobs (est)	Remarks
Hazloc	IEC/EN 60079 series, EN 13617-1 and INMETRO Portaria 179	11	400	

Work Experience as Reviewer

Summary overall project experience at Reviewer level				
Industry/SBU Group	Product Standard(s)	# Years (est)	# Jobs (est)	Remarks
Hazloc	IEC 60079 series, EN 13617-1 and INMETRO Portaria 179	9	200	

*Industry Groups

- | | | | |
|--------------------|-----------------|---------------------|-------------------|
| Appliances | Fire Protection | ITE | Security & Signal |
| Automotive | Gas & Oil | Lighting | Telecom |
| Building Materials | Haz Loc | Med & Dental | Water |
| CITS | HVAC | Personal Protection | Wire & Cable |
| Components | ICE | Power Dist | Wiring Devices |
| EMC | Insulating Mats | Renewable Energy | Other (describe) |

Professional Secrecy (For IEC Technical Qualification Only):

The Engineer/Project Handler shall:

- (i) Treat as confidential all information, including without limitation
 - (a) materials, reports, designs, drawings, specifications and documents received from the NCB, the CBTL or clients (the "Disclosing Party"), excluding (a) information already known to Engineer/Project Handler
 - (b) information in the public domain
 - (c) information Engineer/Project Handler subsequently acquires from other sources without a breach of this Agreement; or
 - (d) information Engineer/Project Handler is required to provide to a judicial, regulatory or accreditation authority.
- (ii) Take all precautions necessary to prevent disclosure of such information to third parties unless previously authorized in writing by the Disclosing Party.
- (iii) Do not use the information for any purpose other than to perform work contemplated by the specific project.

CV Prepared by (name employee): Eduardo G. Galera Date: November 05, 2015

Guide on preparation of Curriculum Vitae

1 Background

The curriculum vitae (CV) are a vital part of the Technical quality system. The CV demonstrates the qualifications (education, work experience, training, professional development etc.) of the project handler or reviewer. The CV is used internally as well as to demonstrate the qualifications to external auditors. A CV is made for all project handlers and reviewers. It is important that the information in the CV is accurate and can be audited. This document gives guidance for on the preparation of a CV.

2 Education

Enter basic education dating back to college, university or similar. The qualification is most like to be or include areas like engineering, other technical areas, testing and/or certification or safety related education. Any relevant education should be identified, indicating:

- Institute, college or university.
- The date of graduation.
- The name of the obtained degree.

3 Professional experience

Enter relevant professional experience. The professional experience or previous work experience is most likely to be or include engineering, testing and/or certification to relevant national or international standards or other safety relevant experience. Any relevant professional experience should be identified, indicating:

- The companies involved.
- The employment period, meaning the period where the candidate was directly involved with activities that enabled him/here to develop their expertise their roles and responsibilities.
- Job title.
- Description of type of work and area of responsibility.

4 Non-Degree Training Before/After Joining UL

Enter relevant non-degree training before and after joining UL. The training is most likely to be or include areas that can be related to engineering, other technical areas, testing and/or certification or safety related training. The training may be by courses, seminars etc. or by accompanying others as part of a systematic program for acquiring the necessary expertise. Any relevant training, courses etc. attended that will have further developed the technical expertise should be identified, indicating:

- The type of training.
- The period of the training.
- The organization/person responsible for the training
- The outcome of the training (certificate, license, registration, grade, etc.)

5 Language skills

Enter skills of local (own) language and which language as well as English language and other languages if skilled in any. Minimum requirements will normally be English and skills in the local language.

Any relevant language skills should be identified, indicating:

- Language
- Skills in spoken and written language:
 - Familiar with (some knowledge)
 - Medium qualified (can communicate in the language)
 - Fluent (can communicate fluent)

6. Current and previous type of work or area of responsibility

Describe the type of work and area of responsibility. The type of work and area of responsibility should include the following:

- Major CCNs and UL/IEC Standards currently active in and for how long.
- The type of work in these standards/CCNs (testing, project handling, and/or reviewing)
- Work being performed in connection with Data Acceptance Programs (DAP)
- Conducting performance testing, evaluation studies, or the like of products.
- Research and development.
- Participation in the standards development process.
- Testing and/or certification the devices concerned for compliance with the relevant national or international standards

7 Remarks

Optional for additional comments

8 Project experience

Summarize overall project experience at UL in Data Acceptance Programs, Project handling and Reviewing. For the Project Handling and Reviewer experience, summarize the experience by Industry/SBU groups. The number of years and jobs can be estimated.

Example: (Project Handling Experience)

SBU Group: HAL (Heating, Appliances, Lighting)

Product Standards: UL 1026, UL1082, UL 197

Years: Approx 5

Jobs: > 100

Remarks: Experience primarily in appliances and heating. Not Lighting