



ExMC/1245/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. Edson Ribeiro 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. Edson Ribeiro to become an IECEx Approved Assessor.

In light of Mr. Ribeiro's experience and CV, details attached, which indicate his experience in Hazardous Areas, WG4 supports Edson Ribeiro'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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ExMC/1245/DV
July 2017

IECEX Assessor Application/Reconfirmation or Additional Details Questionnaire PERSONAL DETAILS

Surname	Ribeiro	Forename	Edson	Title (Mr, Ms, Dr etc) Dr.-Ing.	Mr
Address	Avenida Engenheiro Luis Carlos Berrini, 105 – 24º Andar				
Country	Brazil	Area/Zip/Postal Code	São Paulo / 04571-010		
Telephone	+55 11 3049 8617	Fax		E mail	edson.ribeiro@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							

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
15 to 16 April, 1996	SGS	Lead Assessor	40 h
Feb 14-17, 2005	Excel Partnership, Inc.	ISO 9001:2000, ISO/IEC 17025, ISO/IEC GUIDE 65 Internal Auditor	32 h
October 05 to 07, 2016	DQS	ISO 9001:2015 Internal auditor	24 h

Employment or other experience for past 10 years relevant to Ex

Dates (from/to)	Employer	Type of Business	Duties
2006 to present	UL do Brasil	Lead Auditor for Ex manufacturers ATEX/IECEX/Inmetro and Ex products certification	Staff Engineer responsible to conduct assessment of Ex products (focusing on Ex d, m, n, p and dispensers for ATEX/IECEX/INMETRO/UL product certification and quality assessment audits) including product evaluation, test plan, witnessing test and conduct quality audits

IECEX experience for past 5 years

IECEX meetings attended	2008 IEC TC 31 meeting in Brazil
Roles held in IECEX Scheme	None
Experience with Scheme in own country	Deputy Member of National Committee SC IECEX BR; Quality audits performed for Brazilian manufacturers; Deputy ExCB for product and personnel competence certifications
Other	Member of the Brazilian Standardization Committee to create Brazilian standards based on IEC ones.

Assessment/audit experience	Lead Auditor	Auditor	Expert
Number of external assessments/audits carried out in past 2 years	32		
Number of assessments carried out for the IECEX Scheme for:			
Past 2 years	6		
Since the Scheme commenced	18		
Number of other external assessments/audits in past 2 years relevant to assessment of Ex certification bodies, Ex testing laboratories or Ex repair facilities	0		

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

Formulário de Submissão para a Qualificação da Engenharia
Engineering Capability Update Request Form

Ficha de Dados Pessoais <i>Personal Data Sheet</i>			
Nome Completo: <i>Full Name:</i>	Edson Ribeiro	Número de funcionário: <i>Employee Number:</i>	03576
Data da Admissão <i>Date of hire:</i>	May 01, 2004	Cargo: <i>Job Title:</i>	Staff Engineer
E-mail:	Edson.ribeiro@ul.com	CREA:	0600441951
Escritório <i>Office:</i>	SPL	No do Depto.: <i>Dept. No.:</i>	3000ESPL

Educação (Educação básica do Colégio Técnico / Faculdade / Universidade) <i>Education (Basic education from Technical High School / College/University)</i>			
Instituição <i>Institute</i> <small>Colégio Técnico, Faculdade, Universidade ou outra Instituição</small> <i>Technical High School, College, University or other institute</i>	Data da graduação <i>Date of graduation</i>	Curso <i>Course</i>	Graduação ou título <i>Degree or title</i>
Faculdade de engenharia Industrial	1974	Engenharia mecânica	Engenheiro mecânico
Escola Superior de Química Osvaldo Cruz	1978	Engenharia de segurança	Engenheiro de segurança
Experiência Profissional <i>Professional Experience</i>			

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Companhia <i>Company</i>	Período do emprego <i>Period of employment</i>	Cargo <i>Job title</i>	Tipo de trabalho ou área de responsabilidade <i>Type of work or area of responsibility</i>
Cobrasma	1974 a 1980	Boiler shop supervisor	Manufacturing of petrochemical, siderurgical and railroad equipments
Emec	1980 a 1996	Technical Manager	Inspection of Bulk tanks and vehicles for dangerous goods transportation, and QRS audits, fire extinguishers audit and certification
Eterve	1996 a 2004	Production Manager	Manufacture of tanks for chemical products transportation, and QRS audits. Product certification projects for Fire protection, Gas hoses, Wire and cable, preservatives, gas and oil industry products
UL do Brasil	From 2004	Project Handler/Lead Auditor	Project handler for Gas & oil and Haz Loc products and QRS and CAS audits

Treinamentos não conferentes de graduação antes da contratação na UL
Non-Degree training before joining UL

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Formulário de Submissão para a Qualificação da Engenharia
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Tipo de treinamento <i>Type of training</i>	Período de treinamento <i>Period of training</i>	Instituição ou Instrutor <i>Institute or instructor</i>	Resultado <i>(certificado, licença, registro, graduação)</i> Outcome <i>(certificate, license, registration, grade)</i>
ABENDE Brazilian Assosiation for Non Destructive Testing	1988 to 1989	X-Ray, US, DP	Registration
ABENDE/INMETRO	1990	Inspector for dangerous goods transportation equipment	Registration
Babcock Wilcox-USA	1977	Manufacture of Boilers	Completed
Walter & Cie Germany	1977	Manufacture of membrane Panels	Completed
Baunco germany	1978	Manufacture of Cooling Stacks for siderurgical plants	Completed
Balke Durr Germany	1978	Manufacture of Heat Exchangers for Nuclear power Plants	Completed
ABCQ	1989	Qualit Auditor	Registration
SGS	1991	Quality Lead Assessor	Registration

Treinamentos não conferentes de graduação após contratação na UL¹
Non-Degree training after joining UL¹

Tipo de treinamento	Período de	Instituição ou	Resultado²
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Engineering Capability Update Request Form

<i>Type of training</i>	<i>treinamento Period of training</i>	<i>instrutor Institute or instructor</i>	<i>(certificado, licença, registro, graduação) Outcome² (certificate, license, registration, grade)</i>
Environmental Lead Auditor	2005	MCG	Completed
Social responsibility Lead Auditor	2006	Conquality	Registration
NBR ISO 9001:2000, NBR ISO/IEC 17025, GUIDE 65 Internal Auditor	2005	EXCEL – UL INC.	Completed
OHSAS 18000 Lead Auditor	2006	ABNT/HGB	Completed
ATEX Training	July 10-12, 2007	UL DEMKO/Jasmin Omerovic	Completed
eSpace module: CB-103, CB-120 and CB-130	July, 2007	UL DEMKO	Completed
Laboratory Testing Training for hazardous location equipment	12 hours (From February 18 th to March 12 th)	Giovanni H. Borges	Completed
Data Acceptance Program (DAP) Part 1	4 hours in March 2008	Adenauer Siqueira	Completed
GMA ATEX & IECEX Certification Process Training	June 16 th to June 20 th 2008	Jasmin Omerovic; Peter Alex-Petersen; Brian Schneider	Completed
Data Acceptance Program (DAP) Part 2	4 hours in July 2008	Roel Luimes	Completed
Hazardous Locations UL Inc mark	28 hours in February 2009	Mike Slovinske	Completed
Type Tests for Hazardous Locations equipment	24 hours in August 2009	IEX Giovanni Borges	Completed
Design and approval of Industrial Valves	12 hours in October 2007	Brasilian Petroleum Institut	Completed
Industrial valves Design for CB Specialists	14 hours December 2007	Inmetro	Completed
Valves Design Engineer	360 hours June to	Prominp/USP	Completed

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	December 2009		
ISO 9001:2008 Refreshment	Sept 30 oct 01, 2010	HGB	Completed
PPE training on Inmetro Portaria 118:2009, Portaria 229:2009, Portaria 338:2012 and Portaria 561:2014	Two hours 2015-08-24	UL do Brasil	Completed
ISO 9001:2015 Internal auditor	2016 24 hours	DQS	Completed

¹Deve incluir treinamento mandatório de acordo com o especificado no Manual(is) de Programa de Marca. Ex: Cláusula 4.2©3 do Manual de Certificação de Sanitização de Equipamentos do programa de Segurança Alimentar, referente aos qualifica de qualificação conforme descrito no SOP FSP-0009

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

²Deve descrever, inclusive as qualificações como C1, Q1, Q2, CIG 23 INMETRO, ISSO 13485 para fins INMETRO e outras relacionadas

²Shall describe, inclusive, qualifications as C1, Q1, Q2, CIG 23 INMETRO, ISO 13485 for INMETRO accreditation purposes and other related

Formulário de Submissão para a Qualificação da Engenharia
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Educação/Treinamento/Habilidades em Línguas/Responsabilidades Atuais (Continuação)
Education/Training/Language Skills/Current Responsibilities (Cont)

Habilidades em Línguas <i>Language Skills</i>			
Nível das Habilidades <i>Level of skills</i>	[Limitada] <i>[Limited]</i>	[Conversação] <i>[Conversational]</i>	[Fluente] <i>[Fluent]</i>
Local: <i>Local:</i>			
<i>Falada</i> <i>Spoken</i>			Yes
<i>Escrita</i> <i>Written</i>			Yes
Inglês <i>English</i>			
<i>Falada</i> <i>Spoken</i>			Yes
<i>Escrita</i> <i>Written</i>			Yes
Qualquer outra: <i>Any other:</i>	German		
<i>Falada</i> <i>Spoken</i>	Yes		
<i>Escrita</i> <i>Written</i>	Yes		
Qualquer outra: <i>Any other:</i>	Spanish		
<i>Falada</i> <i>Spoken</i>	Yes		
<i>Escrita</i> <i>Written</i>	Yes		

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Formulário de Submissão para a Qualificação da Engenharia
Engineering Capability Update Request Form

Breve descrição do tipo de trabalho atual ou área de responsabilidade na UL <i>Brief Description of current type of work or area of responsibility at UL</i>
Handling projects for Inmetro Mark and for UL Mark. According to UL 58, UL 1746, NBR 13785, NBR 13312, NBR 15118, NBR 15827, NBR 14867, NBR 15015, NBR 15138.
IEC 60079-0, IEC 60079-1, IEC 60079-2, ABNT NBR 15456
ISSO 9001 Audits
ISO 17025 Laboratory Evaluations for Certification tests
BS EN 13980 :2002/OD 005 :Ver 2 Audits
Review of projects for Gas and Oil Inmetro CCN's
Projects for Fire protection Equipment as fire hoses, sprinklers
Lead Auditor for ISO 9001 program certification
Product certification for GAS&OIL products (Underground and aboveground tanks, Gas Station accessories, industrial valves, pipe fittings), Fire Protection equipment
Product certification for Hazardous Locations (Explosion proof, pressurized, encapsulated)
Hazardous Location Product certification audits (ATEX, IECEx, Inmetro)

Observações <i>Remarks</i>
Before UL, working to ABNT (Brazilian CB) between 1999 to 2006 fire protection equipment
Certification as fire doors, fire extinguishers, fire hoses, pressure gauges
Tests witnessing at manufacturers, and laboratories as IPT
Projects including audits at manufactures, tests witnessing, design evaluation, product evaluation
Part of technical committees for standardization in fire protection, tanks, gas cylinders, etc
Personal Protection Equipment standardization and tests

Formulário de Submissão para a Qualificação da Engenharia
Engineering Capability Update Request Form

Experiência de Trabalho como Administrador de Projeto
Work Experience as Project Handler

Resumo geral de experiência em projeto como administrador de projeto (nível de Engenharia) <u>Summary overall project experience at Project handler level (Engineering level)</u>				
Indústria/Grupo SBU* <i>Industry/SBU Group*</i>	Norma(s) do Produto <i>Product Standard(s)</i>	# Years (est)	# Jobs (est)	Observações <i>Remarks</i>
Gas&Oil	NBR13785/13312	7	15	
Gas&Oil	NBR15015	6	5	
Gas&Oil	NBR15118	6	10	
Gas&Oil	NBR15867,	6	4	
Gas&Oil	UL 58/UL1746	6	8	
Gas&Oil	NBR15138 Fill adapter	6	3	
HazLoc	EN 13980/OD 005/Inmetro	6	20	
Gas&OIL	17025	5	10	
Haz Loc	NBR IEC 60079-0/2	6	8	
Haz Loc	NBR IEC 60079-0/18	6	3	
Haz Loc	NBR IEC 60079-0/1	6	10	
Haz Loc	NBR 15456	4	8	
Gas&Oil	NBR15427	3	1	New Product
Gas&Oil	NBR 15827	3	1	
Fire protection	NBR 11861	3	1	
Fire protection	NBR 6135	1	1	

(est) : Estimado - *Estimated*

Formulário de Submissão para a Qualificação da Engenharia
Engineering Capability Update Request Form

Experiência de Trabalho como Revisor
Work Experience as Reviewer

Resumo geral de experiência de projeto no nível de Revisor <i>Summary overall project experience at Reviewer level</i>				
Indústria/Grupo SBU* <i>Industry/SBU Group*</i>	Norma(s) do Produto <i>Product Standard(s)</i>	# Years (est)	# Jobs (est)	Observações <i>Remarks</i>
Gas&Oil	NBR13785/13312	4	12	
Gas&Oil	NBR14867	4	8	
Gas&Oil	NBR15015	4	10	
Gas&Oil	NBR15118	4	15	
PQAN/QAR	EN 13980:/ OD005	4	50	
Haz Loc	ABNT NBR 60079-1	3	15	
Haz Loc	ABNT NBR 60079-2	3	8	
Gás&Oil	NBR15641	2010	5	
Gás&Oil	NBR11861	2010	6	
Gás&Oil	NBR15827	2010	1	
Gás&Oil	NBR6925	2010	4	
Gas&Oil	NBR15427	2012	5	

(est) : Estimado - *Estimated*

*Grupo de Indústrias
Eletrodomésticos
 Automotivo
 Materiais de Construção
 CITS
 Componentes
 EMC

Proteção contra incêndio
 Gás & Óleo
 Atmosferas Explosivas
 HVAC
 ICE
 Materiais de Isolamento

Tecnologia da Informação
 Iluminação
 Lige & Health
 Equipamento de Proteção Individual
 Distribuição de Energia
 Energia Renovável

Segurança & Sinalização
 Telecomunicações
 Água
 Fios & Cabos
 Dispositivos de Cabeamento
 Outros (descreva)

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**Industry Groups*
Appliances
Automotive
Building Materials
CITS
Components
EMC

Fire Protection
Gas & Oil
Haz Loc
HVAC
ICE
Insulating Mats

ITE
Lighting
Med & Dental
Personal Protection
Power Dist
Renewable Energy

Security & Signal
Telecom
Water
Wire & Cable
Wiring Devices
Other (describe)

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Sigilo Profissional (Para a qualificação Técnica IEC Somente)
Professional Secrecy (For IEC Technical Qualification Only):

O Engenheiro/ Administrador de Projeto deve
The Engineer/Project Handler shall:

(i) Tratar como confidencial toda a informação, incluindo sem limitação:

Treat as confidential all information, including without limitation:

(a) *materiais, relatórios, projetos, desenhos, especificações, e documentos recebidos do NCB, CBTL ou clientes (a “Parte da Divulgação”)*

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) *informação de domínio público*
information in the public domain

(c) *informação que o engenheiro/Administrador de Projeto adquire subsequentemente de outras fontes sem a violação deste acordo, ou*
information Engineer/Project Handler subsequently acquires from other sources without a breach of this Agreement; or

(d) *informação que o Engenheiro/Administrador de Projeto é requerido a prover a uma autoridade judicial, regulatória ou de acreditação*
information Engineer/Project Handler is required to provide to a judicial, regulatory or accreditation authority.

(ii) Toma todas as precauções necessárias para prevenir divulgação de tal informação a terceiros a menos que previamente autorizado por escrito pela “Parte da Divulgação”

Take all precautions necessary to prevent disclosure of such information to third parties unless previously authorized in writing by the Disclosing Party.

(iii) Não utiliza a informação para qualquer outra finalidade que não a de realizar o trabalho contemplado pelo projeto específico.
Do not use the information for any purpose other than to perform work contemplated by the specific project.

CV Prepared by (name employee):Edson Ribeiro____ Date:_30/01/2017_

CV Preparado por (nome do funcionário): Edson Ribeiro___ Data:30/01/2017__

Formulário de Submissão para a Qualificação da Engenharia **Engineering Capability Update Request Form**

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:

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- 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

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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