



ExMC/943/CD  
July 2014

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

**For Consideration by Members of the IECEx Management Committee, ExMC**

**Consideration of RU Proposal concerning Certification at the Commissioning of  
Equipment and Installation**

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**Introduction**

The attached proposal has been received from RU concerning Certification at the Commissioning of Equipment and Installation.

Members are asked to consider the attached and be in a position to discuss this at the 2014 ExMC Meeting in the Hauge on 28+29 August 2014.

Chris Agius  
IECEx Executive Secretary

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# РНО МЭК Ex

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“ 15 ” July 2014

Mr. Chris Agius,  
IECEX Secretary,

IECEX Secretariat  
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286 Sussex Street  
Sydney NSW 2000  
Australia

Dear Chris,

During our meeting in New-Delhi we spoke about certification of Ex-equipment at the stages of its operation, and you suggested us to put into writing our thoughts on this issue.

Certification of Ex-equipment that is carried out now in conformity with the IECEx Rules of procedure – IECEx 02– relates to the stage of production and represents the permit for the Ex-equipment access to the market.

Problem number one at present is the assessment of conformity of Ex-equipment with the applicable requirements also at subsequent stages of life-cycle of the equipment (installation, operation, repair).

The restructuring and expansion of Certified Service Facilities Scheme in the IECEx System are very significant, but still not sufficient steps in this direction.

Development and introduction of the Rules of Ex-equipment (Ex-installations) certification at the stage of commissioning (after installation) can be a subsequent step.

There exists national experience in this connection in many countries (including France, Russia, Ukraine).

Ex-equipment certification at the stage of commissioning shall include the following:

1. assessment of conformity of zones;
2. assessment of conformity of Ex-equipment (elements of Ex- installation) to the conditions of the zone and those specified in the certificates;
3. testing of Ex-installation in accordance with the International Standard IEC 60079-14;
4. issue of the certificate for Ex-equipment (Ex-installation) at the stage of commissioning.

We suggest considering our proposals at the ExMC Meeting in the Hague in August 2014.

Best regards



Vitaly Grudtsyn