UNECE WP.6: Sector Initiative for Equipment in Explosive Environments

A global regulation approach

1. Overview
2. Workshops UNECE/IECEEx
3. Update of the CRO (CRA)
4. Summary
The workshop idea: Regulators Dialogue Group

Outputs:
- Comprehensive description of the methodology of the system
- Guidance documents for the various stakeholders (Regulators, Market Surveillance, Manufacturer, Operator, Inspection bodies)
2. Workshops

International Conference

Presentation by Lorenza Jachia

380 attended the event

World Symposium – “IECEx, A Capital Idea”

Change experience of
- Certifier
- Manufacturer
- Inspector
- User
- Regulator
3. Update of the CRA

Intention of the Common Regulatory Arrangements (CRA)

Manufacturer

- Placing on the market

Market Surveillance

- Repair
  - EN/IEC 60079-19

Operator

- Ex-Equipment (Installed basis)

- Inspection and Maintenance
  - EN/IEC 60079-17

Regulators Jurisdiction

- Installation
  - Zone classification ("Risk Assessment")
  - EN/IEC 60079-10
  - EN/IEC 60079-14

- EN/IEC 60079-ff
- EN/IEC 80079-ff

Life cycle approach
Procedure for Certification Bodies

Examples: Accreditation

- Regulator
- Accreditation Body (ILAC/IAF)
- Comparison / Proficiency testing
- Certification Body
- Production Audit
- Personal competency
- Repair shops
- Service facilities
- Product
Procedure for Ex-market surveillance (Ex-GMSP)

Example: Possibly faulty product
Procedure for Ex-market surveillance (Ex-GMSP)
Example: Alert System, Arbitration board,…

3. Update of the CRA
Next steps:

- Finalize the last editorial topics (Results of meeting in Washington)

- The update of the CRA (proposal edition 2) will circulated in 2018 (first half-year)
  - SIEEE WP.6
  - IECEx WG 8
  - Members of IECEx
  - European Commission

- Finalize the CRA with the input and proposals of groups

- Adopted by UNECE WP.6 end of 2018

- Publish CRA 2.edition in 2019
4. Summary

6 Common Regulatory Arrangements

- Product Requirements
- Safe Use and Competence of Service
- International Standards
- Conformity Assessment Bodies
- Market Surveillance
- UNECE Explosion Protection Committee