ExMC/2055/R

April 2024



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

**Title: Report from IECEx WG 5, Assessment of Manufacturers’ Quality Systems**

**To: Members of the IECEx Management Committee, ExMC**

**INTRODUCTION**

This document contains a report from the IECEx Working Group, *ExMC WG5 Assessment and Audit of Manufacturer’s Quality Systems* following their remote meeting held on 7th March 2024.

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IEC SYSTEM FOR CERTIFICATION TO STANDARDS

RELATING TO EQUIPMENT FOR USE IN EXPLOSIVE

ATMOSPHERES (IECEx SYSTEM)



**IECEx ExMC WG5**

**Assessment & Audit of Manufacturers’ Quality Systems**

**Online, 7th March 2024, 11:00PM – 03:00AM UTC**

**Meeting Report**

**Participating:**

Geoff Barnier (Convenor/SIMTARS)

Mark Amos (Secretary/IECEx)

David Malohn (UL)

Nils Bleshoy (P+F)

Jasmin Omerovic (ULD)

Bryn Spencer (CSA)

Colin Cameron (Mutech)

Mario Graube (PTB)

Scott Kiddle (ABB)

Martin Cole (ExMC WG1 Convenor/Hubbell)

Chris Agius (IECEx)

Geoff Slater (IECEx)

**AGENDA ITEMS**

1. The proposal from UL Solutions to eliminate the auto-fill feature for the following IECEx Quality Assessment Report Summary fields QARs on IECEx OCS:

* Audit Date
* Date of Issue
* Valid Until Date

was supported with the following agreed

ACTION 2024/01: IECEx Secretariat to organize this change via IEC IT

1. The proposal from UL Solutions for the addition of dropdown field in the IECEx Quality Assessment Report Summary to clarify the type of Location(s) audited with the following options:
   * Manufacturer
   * Manufacturing location
   * Production site
   * Trade agent
   * Local assembler
   * Other (details provided under comments)

was NOT supported by the meeting. The meeting accepted the suggestion that the existing Comment field and facility for Attachments can be used (immediately) to provide the required outcome.

ACTION 2024/02: Mr Barnier to prepare a draft template for use in achieving consistency in the format of Attachments.

1. The proposal from UL Solutions regarding a consolidation of audit frequency requirements from IECEx 02 into existing requirements in IECEx OD 025 (that will be republished as IECEx OD 225) AS MODIFIED during the meeting was supported with the following agreed

ACTION 2024/03: Mr Malohn and Mr Omerovic to further modify the proposal to

1. add references to ISO/IEC 17021.
2. Move the second paragraph of Clause 6.6.3 to the end of Clause 6.6.2
3. Delete the remaining text from Clause 6.6.3

The meeting agreed that the final modified draft will then be forwarded to ExMC WG1 for consideration and to ensure alignment with IECEx 02 requirements and provisions that are superior to those of IECEx OD 025.

1. The proposal from UL Solutions for expansion of remote audits requirements and provisions in IECEx OD 025 was supported with the following agreed

ACTION 2024/04: Mr Malohn, Mr Omerovic and Mr Barnier to prepare a document for consideration by ExMC WG1 regarding changes to IECEx 02, Clause 8.3.1 so that the proposed changes to OD 025 do not conflict with IECEx 02

*AND in anticipation of no objections from ExMC WG1 to the above document* ....

ACTION 2024/05: Mr Malohn to further develop the proposal for changes to IECEx OD 025 to:

* Add details regarding the process and criteria for the ExCB’s determination of an assessment method for a particular manufacturer and/or manufacturing locations
* Guidance on the type of assessment (initial, surveillance or reassessment) for which the proposed remote audits can or cannot be used by ExCBs.
* Guidance (if relevant) on any different approaches for manufacturers with or without accreditation

1. The proposal from UL Solutions  for the expansion of IECEx F-001 to include information related to item 2 above, trade agent & local assembler requirements from IECEx OD 203 and other minor updates was generally supported.

ACTION 2024/06: Mr Amos to consolidate the UL proposals with the comments provided by Mr Barnier and then submit this for consideration and approval by the 2024 ExMC meeting.

Close of meeting at 2:02AM UTC