**The Twenty Sixth Meeting of the ExTAG**

**To be held in** **Foz do Iguaçu, Brazil – Tuesday 24th September 2024**

**Please note the IECEx Peer Assessor Training Workshop will be held**

**Monday 23rd September 2024 from 2:00 pm to 5:00 pm.**

**NOTES RELATING TO THE REVISED DRAFT AGENDA**

**Note 1 Delegations are asked to abide by the following rules concerning attendance at the meeting:**

**Maximum of 3 delegates per accepted ExCB / ExTL (these may alternate with other delegates)**

* **Representatives of candidate ExCB / ExTL and Chairpersons / Secretaries of IEC Technical committees TC31 / SC31 - may also attend the meeting**
* **ExTAG discussions may touch sensitive matters that must not be disclosed to manufacturers, users or other organisations that are not ExCBs or ExTLs. Observers are permitted to attend the meeting but may be asked to leave should the Chair and members of ExTAG believe it to be required.**
* **All delegations are encouraged to participate during discussions**

**Note 2 It is intended that the meeting be conducted in English, however allowances will be made for Delegates from non-English speaking countries, including allowance is made for non-English speaking delegates.**

**Note 3 Participants should bring copies of all necessary documentation with them to the meeting. This will be an in-person meeting only.**

**Note 4 All ExTAG meeting documents referred to are, or will be, available from the** [**IECEx 2024 Annual Meetings website**](https://www.iecex.com/meeting-and-events/2024-annual-meetings-brazil/) **of the IECEx System and are linked in this agenda.**

**Note 5: Changes included in this revised draft agenda are shown with a red Marginal Bar**

***ExTAG Secretariat***

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| **Address:**  **IECEx Secretariat**  **Level 17, Angel Place 123 Pitt Street Sydney NSW 2000**  **Australia**  **Web:** [**iecex.com**](https://www.iecex.com/) |

**MEETING CHAIR:** **Dr. Frank Lienesch IECEx ExTAG Chair**

***Revised Draft Agenda***

*This Revised Draft Agenda, replaces draft Agenda, ExTAG/724A/DA previously issued, the changes to the Draft Agenda ExTAG/724A/DA identified using the red marginal bar*

# Opening and Welcome

## 1.1 Opening and Welcome, ExTAG Chair Dr. Frank Lienesch

The meeting will commence at 0900 (9:00am) On Tuesday 24th September 2024.

# Approval of the Agenda

**ExTAG/724/DA** Draft Agendathe Twenty Sixth Meeting of the ExTAG to be held in Foz do Iguaçu, Brazil.

# Report of the ExTAG 2023 Meeting Edinburgh

## 3.1 To note the Report of the last meeting held in Edinburgh UK 18th September and 19thSeptember 2023, and subsequent action items from the meeting.

**Document for noting:**

* [**ExTAG/716/DL**](ExTAG_716_DL-Decision-List-2023-ExTAG-Edinburgh.docx) **–** Decision List -The Twenty Fifth Meeting of the ExTAG held in Edinburgh, UK on 18th September and 19th September 2023
* [**ExTAG/719/R**](ExTAG_719_R-The%20Twenty-Fifth-Meeting%20of%20the%20ExTAG-held%20Edinburgh%20September%202023.docx) **–** Report of the Twenty Fifth Meeting of the ExTAG held in Edinburgh, UK.

## 3.2 To note a report of the action items by the ExTAG Chair on the ExTAG 2023 Edinburgh, UK Meeting.

**Document for noting:**

* [**ExTAG/728/R**](ExTAG_728_R_Action_List_Table_Edinburgh.docx) **–** Report on actions since 2023 ExTAG Edinburgh, UK Meeting

# IECEx Equipment Scheme – Overview

Secretariat to provide an overview of the IECEx Equipment Scheme and activities since the last meeting, 2023, including noting **OD 060** *IECEx Guide for Business Continuity – Management of Extraordinary Circumstances or Events* Affecting IECEx Certification Schemes and Activities for Business Continuity.

## 4.1 Membership

* Countries
* ExCBs and ExTLs
* Applicants

## 4.2 Statistics

* CoCs and Reports issued
* Others

## 4.3 IECEx Website and related

* General
* Compliance Review of ExCBs Management of CoCs and QARs
* On-Line Certificate System

# Technical Items for general discussion within ExTAG

This is an opportunity to discuss technical items arising from feedback since the previous ExTAG meeting with the aim of ensuring a consistent approach by all ExCBs and ExTLs.

***5.1*** Proposal from TC31 WG4 Convenor, Mr Guenter Gabriel – to discuss possible cooperation with IECEx regarding Spark Test Apparatus (STA) with the suggestion to reactivate *ExTAG WG08 Common Assessment of IS Equipment and Systems.*

**Documents for consideration/discussion:**

* **[ExTAG/735/Inf](ExTAG_735_Inf_Request%20from%20WG4_Item%205.1.pdf)**Proposal received from TC31 WG4 Convenor, Mr Guenter Gabriel, to discuss possible cooperation with IECEx regarding Spark Test Apparatus (STA) with the suggestion to reactivate ExTAG WG08 Common Assessment of IS Equipment and Systems.
* [**OD 021**](OD_021_V2_WG8_Document_Intrinsically.doc)Guidance document for the Assessment of IS equipment and Systems Ed.2.0

***5.2***Proposal from Guenter Gabriel convenor MT 60079-26 regarding a questionnaire to IECEx ExCBs and ExTLs on how often the method of combining EPLs Gb to achieve EPL Ga has been used in conformity assessments.

**Documents for consideration/discussion**

* **[ExTAG/736/Inf](ExTAG_736_Inf_Questionaire_60079-26_Item_5.2.pdf)** Proposal from Guenter Gabriel convenor MT 60079-26 regarding a questionnaire to IECEx ExCBs and ExTLs on how often the method of combining EPLs Gb to achieve EPL Ga has been used in conformity assessments.

# Performance feedback from ExCBs and ExTLs

## 6.1 Co-operation between IECEx Bodies

The IECEx Secretary will remind ExCBs of their obligations, according to IECEx Scheme Rules.

# ExTAG Working Group Status – Review

To review the status of ExTAG Working Groups and current activities

## 7.1 ExTAG WG 01, Preparation and maintenance of ExTRs

Working Group 01 is tasked to create, revise and update the ExTest Reports (ExTRs) to be used within the IECEx System. The work is ongoing. Members to receive a report from the Convener WG 01,Mr Scott Kiddle.

**Document for consideration:**

* [**ExTAG/732A/R**](ExTAG_732A_R_ExTAG-WG01-Report%20revised.docx) **–** Report from ExTAG Working Group 01 (WG 01): Preparation of assessment and test report forms (ExTRs)
* [**ExTAG/726/CD**](ExTAG_726_CD_Draft%20revision%20IECEx-OD-010-2%20Ed5.0.docx) **–** Draft Revision of OD 010-2 Operational Document - Guidance for the development, compilation, issuing and receipt of ExTRs - Part 2: Procedures and guidance
* [**ExTAG/727/CD**](ExTAG_727_CD_Draft%20ExTR-Cover%20sheet.doc)Draft Revision of the ExTR Cover Sheet

## 7.2 ExTAG WG 03 Documentation and Drawing Requirements

Working Group 03 is tasked with the role of maintaining OD 017 *Drawing and Documentation Guidance for IECEx Certification – for use by Manufacturers and ExTLs*.

**Document for consideration/noting:**

* [**ExTAG/734/R**](ExTAG_734_R_Report%20for%20Ex%20TAG%20WG03%20%20August%202024.docx) **–** ExTAG Working Group 03 (WG 3): Documentation and Drawing Requirements
* [**OD 017**](IECEx_OD_017_Ed7.0.pdf) Operational Document - Drawing and documentation guidance for IECEx certification – for use by manufacturers and ExTLS Ed.7

## 7.3 ExTAG WG 06 Rules of procedures for Testing at Other Locations

ExTAG WG 06 is tasked with the role of maintaining OD 024 IECEx Rules of Procedure covering off-site testing. Members are reminded of the OD 024 online register with the Secretariat to address this during the meeting. While noting that WG 06 has not met since the last meeting, this is an opportunity for Members to raise any matters for WG6 to consider.

**Document for noting:**

* [**OD 024 Edition 4.0**](IECEx_OD024,Ed4.0.pdf) **–** IECEx rules of procedure covering testing, or witnessing testing at a manufacturer’s or user’s facility

## 7.4 ExTAG WG 10 Proficiency Testing

ExTAG WG 10 have been overseeing the operation of the IECEx Proficiency Testing Program. Mr. Tim Krause of PTB, WG10 Convener will present a report on activities of WG10 including the latest Programs and outcomes.

Members to also support proposed revision of OD 202, Edn 4.0 2024 to be submitted to ExMC if agreed

**Documents for noting/consideration:**

* [**ExTAG/733/R**](ExTAG_733_R_ExTAG_WG10_PTS_Report_Foz_do_Iguaçu_2024.doc) **–** Report from Tim Krause, Convenor ExTAG WG 10, Proficiency Testing.
* [**ExMC/2094/DV**](ExMC_2094_DV_Revision%20of%20IECEx%20OD%20202,Ed4.0.docx) **–** Revision of IECEx OD 202, Edition 4.0

# Standards Matters and Collaboration with Technical Committees

## 8.1 IEC TC 31 – Matters of Interest to ExTAG

The meeting to receive a report from the IECEx Liaison Officer Tim Krause on behalf of TC31 Chair. This is an opportunity for ExTAG members to be informed of Standards development and maintenance matters currently underway within IEC TC 31 that may impact on the IECEx 02 Certified Equipment Scheme. Including issues relating to future edition of IEC 60079-7 raised by Karel Neleman at the ExTAG 2023 meeting.

## 8.2 Special Conditions and discussions with TC31 AG55

Members to receive a report from the Secretariat regarding collaboration with TC 31 AG55

## 8.3 Other Technical Committee matters

This is an opportunity for ExTAG members to be informed of communication and discussions/work with other Technical Committees, including the following, relating to IECEx coverage of additional elements relating to Hydrogen Technologies as part of the ExMC WG19 work

1. ISO TC 197 – Hydrogen Technologies
2. IEC TC 105 – Fuel Cells

The IECEx Executive Secretary to report

# ExTAG Decision Sheets – Current Status

## 9.1 Current Status

## 9.1.1 To note current list of ExTAG Decision Sheets and their location

Members are requested to note the list of current ExTAG Decision Sheets available from the IECEx web site. [https://www.iecex.com/publications/extag-decision-sheets/](https://www.iecex.com/publications/extag-decision-sheets/%20)

## 9.1.2 Decision sheets and Draft DS dealt with since the 2023 ExTAG meeting

Members to note following Decision Sheet dealt published since Edinburgh.

| **Document Number** | **Standard No.** | **Clause/Subject** |
| --- | --- | --- |
| DS 2020/003A | IEC 60079-0 (Ed 6) IEC 60079-0 (Ed 7) | Verification and Operation of Climate Chambers.  Posted 2023-11-10 |
| DS 2024/001 | IEC 60079-0 Ed. 7.0  IEC 60079-0 Ed. 6.0  IEC 60079-31 Ed. 3.0  IEC 60079-31 Ed. 2.0 | Thermal conductivity of dust |

## 9.2 Decision Sheets now falling under the 5 year review

## 9.2.1 To note the following Decision Sheets, now falling under the 5 year review

The following list of Decisions Sheets are due for the 5 year maintenance procedure of OD 035. Members are asked to note the following DS.

| **Number** | **Standard No.** | **Clause/Subject** | **Issue Date** |
| --- | --- | --- | --- |
| DS 2019/005 | IEC 60079-0 2017 | IP testing of cable entry devices | 2019-09-10 |
| DS 2019/004 | IEC 60079-15:2017 (Ed 5.0) IEC 60079-15:2010 (Ed 4.0) | Opening of Sealed devices on frequent basis (e.g. for charging) | 2019-07-23 |
| DS 2019/003 | IEC 60079-1:2014 (Ed 7) | Construction requirements for flameproof enclosures with an internal source of release (containment system) | 2019-05-29 |
| DS 2019/002 | IEC 60079-0:2017(Edition 7.0)  IEC 60079-0:2011(Edition 6.0)  ISO/IEC 80079-34:2018 | Risk of ignition from primary and secondary lithium cells and batteries | 2019-04-11 |
| DS 2019/001 | IEC 60079-11 (Edition 5) IEC 60079-11 (Edition 6) | Cell or Battery testing for type of protection “ib” Withdrawn and replaced by IEC 60079-11:2006/ISH1:2019 and IEC 60079-11:2011/ISH6:2019 (issued 2020-04-20) | 2020-04-22 |

## 9.3 Review of process for the preparation and approval of Decision Sheets

Members are requested to note recent editions of OD 035 – Procedure to generate, discuss, report and publish ExTAG Decision Sheets Edition 3.1 and Form F014. Members are requested to consider the draft revised edition of OD 035 listed below along with a proposal from the US.

**Document for Noting and Consideration:**

* [**OD 035**](IECEx_OD_035_Ed3.1.pdf) **–** Procedure to generate, discuss, report and publish ExTAG Decision Sheets – Edition 3.1
* [**F 014**](IECEX_F-014-DS-Form_Ed.%202.0.docx) **–** Template for preparing Draft Decision Sheets
* [**ExTAG/730/CD**](ExTAG_730_CD%20Draft%20Revision%20of%20OD035.docx) **–** Draft Revision OD 035 Edition 3.2
* [**ExTAG/737/Inf**](ExTAG_737_Inf_USNC%20Proposal%20regarding%20OD%20035.docx) **–** Proposal received from the USNC regarding OD 035 A procedure to generate, discuss, report and publish ExTAG Decision Sheets Ed. 3.1

## 9.4 Documents to be withdrawn

## 9.4.1 Members are requested to note that the draft decision sheet ExTAG/699/CD Draft ExTAG Decision Sheet – Applicability of erosion and non-transmission tests on cable glands and conduit sealing devices sealed with setting compound in case of leakage has been withdrawn and referred to MT 60079-1 for consideration.

# ExTAG Proposed Decision Sheets in progress

## Members are asked to consider finalising Draft ExTAG Decision Sheet DS ExTAG/722A/CD Draft ExTAG Decision Sheet - Applicability of IEC 60079-0 for non-electrical equipment, prepared by NEPSI, CN

**Documents for consideration:**

* **[ExTAG/722A/CD](ExTAG_722A_CD_Draft%20ExTAG%20DS-Applicability%20of%20IEC%2060079-0%20for%20non-electrical%20equipment.docx) –** Draft ExTAG Decision Sheet - Applicability of IEC 60079-0 for non-electrical equipment
* **[ExTAG/725A/CC](ExTAG_722A_CD_Draft%20ExTAG%20DS-Applicability%20of%20IEC%2060079-0%20for%20non-electrical%20equipment.docx) –** Compilation of Comments on ExTAG/722/CD Applicability of IEC 60079-0 for non-electrical equipment

## Members are asked to consider finalising Draft ExTAG Decision Sheet ExTAG/720A/CD Draft ExTAG Decision Sheet – Tightening torque values of torque test for Ex blanking elements and Ex thread adapters

**Documents for consideration:**

* **[ExTAG/720A/CD](ExTAG_720A_CD-Draft-DS-about-the-tightening-torque-values%20revised%20%20hc.docx) –** Draft ExTAG Decision Sheet – Tightening torque values of torque test for Ex blanking elements and Ex thread adapters
* [**ExTAG/729/CC**](ExTAG_729_CC_CoC%20ExTAG_720A_CD_%20Torque_values_2024.7.15.docx) **–** Compilation of comments and Observations on - ExTAG/720A/CD Draft ExTAG Decision Sheet – Tightening torque values of torque test for Ex blanking elements and Ex thread adapters
* [**ExTAG/720B/CD**](ExTAG_720B_CD-Draft-DS-about-the-tightening-torque-values%20revised%20%20hc1.docx) **–** Draft ExTAG Decision Sheet – Tightening torque values of torque test for Ex blanking elements and Ex thread adapters

# New topics (suggestions for topics to be dealt with during the next ExTAG Meeting)

This is an opportunity for members to raise topics for discussion at future meetings.

# Contact with other International and Regional Bodies – Status review

The IECEx Secretary to provide update of IEC/ILAC/IAF co-operation, noting the issue of IEC Administrative Circular, AC/23/2020. Secretariat to report.

**Document for noting:**

* [**ExMC/1606/Inf**](ExMC_1606_Inf_Release%20of%20AC_23_2020_IAF_Resolutions.pdf) **–** IEC Admin Circular

# Matters for proposal to ExMC

To raise any matters not already covered during this meeting that need to be raised with the IECEx Management Committee, ExMC.

# Other Business

Communication via Email – Proposal from AU

The meeting will be asked to consider a proposal from AU regarding the maintenance of email contact details of manufacturers and IECEx certificate holders.

**Document for consideration:**

* [**ExMC/2101/CD**](ExMC_2101_CD_AU_Proposal%20on%20Email%20info.docx) **–** AU Proposal for consideration

# Confirmation of next meeting, year and place

The ExTAG Meeting is normally aligned with ExMC meeting, however ExTAG members are asked to consider whether this should continue.

Members are asked to note the planned meeting dates of   
**September 2025, Japan.**

# Close of Meeting