**The Twenty Fifth Meeting of the ExTAG**

**To be held in Edinburgh UK – Monday 18th September 2023 and**

**Tuesday 19th September 2023**

**Please note Monday 18th September 2023 am is the IECEx Peer Assessor Training Workshop *Refer ExAG/015/DA* -**

**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 2023 Remote Annual Meetings website of the IECEx System and are linked in this agenda.**

***ExTAG Secretariat***

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| --- |
| **Address:****IECEx Secretariat****Level 33 Australia Square****264 George Street****Sydney NSW 2000****Australia****Web: www.iecex.com** |

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

***Revised Draft Agenda***

*This Revised Draft Agenda, replaces draft Agenda, ExMC1941A/DA, previously issued, with changes to the Draft Agenda ExTAG/705/DA identified by the use of the red marginal bar*

# Opening and Welcome

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

The meeting will commence at 1400 (2.00pm) On Day 1 Monday 18th September 2023.

# Approval of the Agenda

**ExTAG/705A/DA** Draft Agendathe Twenty Fifth Meeting of the ExTAG to be held in Edinburgh UK.

# Report of the ExTAG Remote 2022 Meeting

## 3.1 To note the Report of the last meeting held remotely 5th September and 6thSeptember 2022, and subsequent action items from the meeting.

**Document for noting:**

* [**ExTAG/695/DL**](https://www.iecex.com/dmsdocument/4116) **–** The Twenty Fourth Meeting of the ExTAG

held in webinar format on 5th September and 6th September 2022

* [**ExTAG/702/R**](https://www.iecex.com/dmsdocument/4188) **–** Report of the Twenty Fourth Meeting of the ExTAG held remotely.

## 3.2 To note a report of the action items by the ExTAG Chair on the ExTAG 2022 Remote Meeting.

**Document for noting:**

* [**ExTAG/707/R**](https://www.iecex.com/dmsdocument/4261) **–** Report on actions since 2022 ExTAG Remote Meeting

# IECEx Equipment Scheme – Overview

Secretariat to provide an overview of the IECEx Equipment Scheme and activities since the last meeting, 2022, 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
* 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 Application of ISO/IEC 80079-38

Members will recall a previous decision to delay use of ISO/IEC 80079-38 until edition 2.0 is finalised and released. The 2021 ExMC meeting indicated support for collaboration between ExMC WG15 “Non-Electrical Standards” and MT 80079-38 to progress the revision of Edition 1.0. Dr Munro, as Convener of ExMC WG15 will provide a brief status report of progress in this work.

Verbal report to be given by Dr Jim Munro

## 5.2 Application of possible new Approach for future edition of IEC 60079-7

Members to receive a presentation from Bartec regarding possible new approach being considered within MT 60079-7 and how this may be handled within IECEx to ensure a consistent approach.

Mr Karel Neleman of Bartec to present.

#  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 Ex Test 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/709A/R**](https://www.iecex.com/dmsdocument/4260) **–** Updated Report from ExTAG Working Group 01 (WG 01):

Preparation of assessment and test report forms (ExTRs)

## 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*. Members to receive a verbal report from the Convener, WG 03, Mr Webb regarding draft revision of publication OD 017.

**Document for consideration:**

* [**ExTAG/684A/CD**](https://www.iecex.com/dmsdocument/4269) **–** Revision of IECEx OD 017 “Documentation and Drawing Requirements” Ed 6.0
* [**ExTAG/683A/CD**](https://www.iecex.com/dmsdocument/4266) **–** Discussion Paper from Mr Ajay Maira regarding use of electronic files.

## 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 testing. 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**](https://www.iecex.com/dmsdocument/1588) **–** 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 note publication of revision of OD 202, 2022

**Documents for noting/consideration:**

* [**ExTAG/708/R**](https://www.iecex.com/dmsdocument/4293) Report from Tim Krause, Convenor ExTAG WG 10, Proficiency Testing.
* [**OD 202 Edition 4.0**](https://www.iecex.com/dmsdocument/1582) IECEx Proficiency Testing Scheme

# Standards Matters and Collaboration with Technical Committees

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

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. The IEC TC 31 Chair and IECEx Executive Secretary to report.

## 8.2 Special Conditions and discussions with TC31 AG55

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

 **Documents for noting/consideration:**

* [**ExTAG/712/R**](https://www.iecex.com/dmsdocument/4306)Report from Chris Agius, Executive Secretary

## 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/

## 9.1.2 Decision sheets and Draft DS dealt with since the 2022 ExTAG meeting

Members to note following Decision Sheets dealt with via correspondence.

| **Document Number** | **Standard No.** | **Clause/Subject** |
| --- | --- | --- |
| DS 2023/002 | IEC 60079-0:2017 (Edition 7.0) | Marking of Ex Components when intended for use only by their manufacturer |
| DS 2023/001 | IEC 60079-0 (Ed 7) | Whether the non-metallic external fans of rotating electric machines are subjected to ultraviolet light resistance test |
| DS 2022/006 | IEC 60079-0:2015+A1:2017  | Disapplication of clause 7 IEC 60079-0 Ed.7 |
| DS 2022/005 | IEC 60079-18:2014IEC 60079-18:2009 | The test sample used for the dielectric strength test on the compound |
| DS 2022/004 | IEC TS 60079-46:2017ISO/IEC 80079-34:2018 | Information relevant to particular protection Ex TS 60079-46 into the quality management system |

## 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 review under the 5 year maintenance procedures of OD 035. Members will be asked to review the following DS.

|  |  |  |  |
| --- | --- | --- | --- |
| **Number**  | **Standard No.** | **Clause/Subject** | **Issue Date** |
| DS 2018/005A | IEC 60079-11 (Edition 6.0) | The spark ignition test with supercapacitor | 2018-10-17 |
| DS 2018/004 | IEC 60079-0:2017 Ed.7IEC 60079-0:2011 Ed.6IEC 60079-0:2007 Ed.5IEC 60079-28:2015 Ed.2IEC 60079-28:2006 (First Edition), including I-SH 01 | Applicability of IEC 60079-28 | 2018-10-12 |
| DS 2018/003 | IEC 60079-1 Editions 5, 6 and 7 | Application of requirement for material remaining under a blind hole in flameproof enclosures. | 2018-10-12 |
| DS 2018/002 | IEC 60079-0 Editions 5, 6 and 7 | Temperature measurement of cable entry point and branching point temperatures on electrical rotating machines | 2018-07-18 |
| DS 2018/001 | IECEx OD009 | QARs for equipment covered by standards other than those for specific Types of Protection | 2018-07-16 |

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

OD 035 – Procedure to generate, discuss, report and publish ExTAG Decision Sheets is currently at Edition 3.0. Members are requested to noted the revised edition along with Form F014.

**Document for Noting:**

* [**OD 035**](https://www.iecex.com/dmsdocument/2650) **–** Procedure to generate, discuss, report and publish ExTAG Decision Sheets – Proposed Edition 3.0
* [**F 014**](https://www.iecex.com/dmsdocument/4239) **–** Template for preparing Draft Decision Sheets

# ExTAG Proposed Decision Sheets in progress

##  Members to consider a Draft DS, prepared by the ExMC WG 02 Convenor Technical Capability Documents

**Documents for Consideration:**

* **[ExTAG/706/CD](https://www.iecex.com/dmsdocument/4250)** Draft ExTAG Decision Sheet – Revision of ExTAG DS 2020/003 Verification and Operation of Climate Chambers

* **[ExTAG/714/CC](https://www.iecex.com/dmsdocument/4304)** Compilation of comments on ExTAG/706/CD
* [**ExTAG/706A/DC**](https://www.iecex.com/dmsdocument/4303)RevisedDraft ExTAG Decision Sheet – Revision of ExTAG DS 2020/003 Verification and Operation of Climate Chambers

## Members to consider a Draft DS, prepared by INERIS

**Documents for Consideration:**

* [**ExTAG/699/CD**](https://www.iecex.com/dmsdocument/4166) 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.
* [**ExTAG/713/CC**](https://www.iecex.com/dmsdocument/4270)Compilation of comments on ExTAG/699/CD

## Members to consider a Preliminary Draft DS, prepared by UL on the topic of Thermal Conductivity of Dusts

The meeting will be asked to provide comments on a Preliminary draft Decision Sheet making use of the collection of the experts within the ExTAG to discuss this topic prior to release of this draft DS according to OD 035 procedures.

**Documents for Consideration:**

* [**ExTAG/715/Inf**](https://www.iecex.com/dmsdocument/4309) Preliminary draft ExTAG Decision Sheet – Thermal Conductivity of Dust.

# 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**](https://www.iecex.com/dmsdocument/3715) **–** 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

# 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 2024, Brazil.**

# Close of Meeting