The Twenty Fourth Meeting of the ExTAG

To be held remotely – Tuesday 6th September 2022

Wednesday 7th September 2022

**NOTES RELATING TO THE 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 All ExTAG meeting documents referred to are, or will be, available from the** [**IECEx 2022 Remote Annual Meetings website**](https://www.iecex.com/meeting-and-events/2022-remote-annual-meeting-of-the-iecex-system-2/iecex-working-group-meetings-and-iecex-annual-meeting-to-held-remotely-until-international-travel-restrictions-are-lifted-3/extag/) **of the IECEx System and are linked in this agenda.**

**Note 4 The 2022 ExTAG Meeting will be conducted as a Remote Meeting to coordinate with the IECEx Management Committee, ExMC. Details and guidelines for the remote meetings can be found in** [**ExMC/1840/Inf**](https://www.iecex.com/dmsdocument/3962), **available from the 2022 IECEx Meeting website**

***ExTAG Secretariat***

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| **Address:**  **IECEx Secretariat**  **Level 33 Australia Square**  **264 George Street**  **Sydney NSW 2000**  **Australia**  **Web:** [**www.iecex.com**](http://www.iecex.com) |

**REMOTE MEETING CONNECTION DETAILS:**

**DAY 1:** Meeting Conference Link TBA

**DAY 2** Meeting Conference Link: TBA

NOTES:

1. Refer to [**ExMC/1840/Inf**](https://www.iecex.com/members-area/documents/exmc/downloaddocument/3962) for details regarding meeting attendance
2. Each day requires its own meeting Conference Link, see above.

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

**ExTAG DRAFT MEETING AGENDA**

1. **Opening and Welcome**
   1. **Opening and Welcome,** *ExTAG Chair Dr. Frank Lienesch*

The meeting will commence at 12.00 Coordinated Universal Time (UTC) Day 1 Tuesday 6th September 2022.

1. **Approval of the Agenda**

**ExTAG/681/DA** Draft Agendathe Twenty Fourth Meeting of the ExTAG to be held remotely.

**3 Report of the ExTAG Remote 2021 Meeting**

***3.1*** To note the Report of the last meeting held remotely 31st August and 1st September 2021, and subsequent action items from the meeting.

**Document for noting:**

* **ExTAG/664/DL -** The Twenty Third Meeting of the ExTAG

held in webinar format on 31st August and 1st September 2021.

* **ExTAG/667/R –** Report of the Twenty Third of the ExTAG

held remotely.

***3.2***To note a report of the action items by the ExTAG Chair on the ExTAG 2021 Remote Meeting*.*

**Document for noting:**

* **ExTAG/682/R –** Report on actions since 2021 ExTAG Remote Meeting

### 4IECEx Equipment Scheme – Overview

Secretariat to provide an overview of the IECEx Equipment Scheme and activities since the last meeting, 2021, 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

**5 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.

**6 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.

**7**  **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.

***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 report prepared by the Convener, WG 03, Mr Webb regarding draft revision of publication OD 017.

**Document for consideration:**

* **ExTAG/684/R** Report from ExTAG WG 03 – Documentation and Drawing Requirements + Draft revision of OD 017
* **ExTAG/683/CD -**  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. Members to receive a report from the WG 06 Convener following their August 2022 meeting.

**Document for noting:**

* **OD 024 Edition 4.0** IECEx rules of procedure covering testing, or witnessing testing at a manufacturer’s or user’s facility

***7.5******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

**Documents for noting/consideration:**

* **ExTAG/685/R** Report from Tim Krause, Convenor ExTAG WG 10, Proficiency Testing.
* **OD 202 Edition 4.0** IECEx Proficiency Testing Scheme

***7.6 ExTAG WG12 Retention of Records, re OD 207***

Members to note the current edition OD 207 Ed 2.0 and the decision from the 2021 ExTAG meeting for members to provide any feedback on application of edition 2.0. This item provides an opportunity for members to provide any feedback for discussion at the meeting.

**Document for Noting/Discussion:**

* **OD 207** Edition 2.0 - Guidance on the Retention of Records, current edition

***7.7 ExTAG WG 14 Certification of Ex Equipment Assemblies***

This Working Group was re-convened in September 2019 to monitor and support the work of PT 60079-46 in maintaining IEC TS 60079-46, and to provide feedback to ExTAG regarding any issues needing ExTAG consideration. Members to receive a report from the Convener, WG 14, Mr Kelly to report.

**8 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 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

**9 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 2021 ExTAG meeting***

Members to note following Decision Sheets dealt with via correspondence.

| **DS** | **Standards** | **Title** |
| --- | --- | --- |
| DS 2022/003 | ISO 80079-36:2016 | Protecting electrical ignition sources that are part of electromechanical equipment |
| DS 2022/002 | IEC 60079-1:2014 IEC 60079-1:2007 IEC 60079-0:2017 IEC 60079-0:2011 IEC 60079-0:2007 | Influence of a separate external source of cooling on reference pressure testing |
| DS 2022/001 | IEC 60079-6 Edition 4.1 | High voltage amendment to IEC 60079-6 Edition 4.1 |
| DS 2021/006 | IEC 60079-0:2011 IEC 60079-0:2017 | Field modular approach for Ex Equipment |

***9.2*** **Decision Sheets now falling under the 5 year review, that require confirmation.**

***9.2.1 To re-confirm the following Decision Sheets, now falling under the***

***5 year review***

The following list of Decisions Sheets are due for re-confirmation under the 5 year reconfirmation maintenance procedures of OD 035. Members will be asked to re-confirm the following DS.

| **Number** | **Standard No.** | **Clause/Subject** | | **Issue Date** |
| --- | --- | --- | --- | --- |
| DS 2017/007 | N/A | | Guidance on marking requirements for combined electrical/non electrical equipment | 2017 11 15 |
| DS  2017/006 | IEC 60079-0 Ed.6 | | Location of Electrostatic Discharge Hazard Warning | 2017-11-09 |
| DS  2017/005 | IECEx OD009 | | Use of Legacy data | 2017-11-09 |
| DS 2017/004 | IEC 60079-0:2011  IEC 60079-7:2015 (Edition 5.0) | | Terminal Ratings in General Purpose Junction Boxes | 2017-11-09 |
| DS  2017/003  (Withdrawn) | IEC 60079-0 | | Decision to revise the DS taken during the 2017 ExTAG Washington meeting with DS 2018/004 approved as replacement during 2018 Cannes ExTAG meeting  *(Secretariat Note: This is included for the sake of completeness*) | |
| DS 2017/002 | N/A | | Guidance on issuance of QARs when products are manufactured at multiple sites | 2017-08-01 |
| DS 2017/001 | IEC 60079-0 All editions | | Cable transit or entry devices according IEC 60079-0 | 2017-06-23 |

***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 2.3. Following discussion during the 2021 ExTAG Meeting, ExTAG Officers and experts have prepared a revised draft for consideration by ExTAG Members. Members will be asked to support the revised draft being forwarded for approval by ExMC.

**Document for Consideration:**

* **ExTAG/658A/CD –** OD 035 Draft Rev A procedure to generate, discuss, report and publish ExTAG Decision Sheets – Proposed Edition 3.0

**10 ExTAG Proposed Decision Sheets in progress**

***10.1 Draft ExTAG Decision Sheet – IEC TS 60079-46 Equipment Assemblies***

Members to consider finalising Draft DS Information relevant to particular protection Ex 60079-46 into the quality management system.

**Documents for Consideration**:

* **ExTAG/661B/CD** – 2nd Revised draft DS taking account of ExTAG/686/CC
* **ExTAG/686/CC** – Compilation of comments on ExTAG/661A/CD
* **ExTAG/661A/CD** – 1st revised draft DS

***10.2*** ***Draft ExTAG Decision Sheet - The number of impact test conducted on the equipment.***

Members are asked to consider finalising draft DS prepared by CQM.

**Document for Consideration:**

* **ExTAG/674/CD –** Draft Decision Sheet The number of impact test conducted on the equipment
* **ExTAG/XXX/CC –** Compilation of Comments

***10.3 Draft ExTAG Decision Sheet - The test sample used for the dielectric strength test on the compound*.** Members are asked to consider finalising draft DS prepared by NEPSI.

**Document for Consideration:**

* **ExTAG/675A/CD –** RevisedDraft Decision Sheet The test sample used for the dielectric strength test on the compound
* **ExTAG/XXX/CC –** Compilation of Comments

***10.4 Draft ExTAG Decision Sheet - Two independent types of protection Gb to meet Ga requirements*.** Members are asked to consider finalising draft DS prepared by Eurofins CML.

**Document for Consideration:**

* **ExTAG/678/CD –** RevisedDraft Decision Sheet Two independent types of protection Gb to meet Ga requirements
* **ExTAG/XXX/CC –** Compilation of Comments

***10.5 Draft ExTAG Decision Sheet - Disapplication of clause 7.*** Members are asked to consider finalising draft DS prepared by CQM.

**Document for Consideration:**

* **ExTAG/679/CD –** RevisedDraft Decision Sheet Disapplication of clause 7
* **ExTAG/XXX/CC –** Compilation of Comments

**11** **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.

**12 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 –** IEC Admin Circular AC AC/23/2020

**13 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

**14**  **Other Business**

**15 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 2023, UK.**

**16 Close of Meeting**