The Twenty Fourth Meeting of the ExTAG

Tuesday 6th & Wednesday 7th September 2022

Decision List

This document, ExTAG/695/DL, contains the list of Decisions as recorded during the 2022 meeting of the ExTAG Technical Meeting held in webinar format on 6th and 7th September 2022. The decisions were recorded by the IECEx Secretariat during the meeting and have been confirmed by the ExTAG Chair.

These Decisions should be read in conjunction with ExTAG (2022 Remote/ExTAG Chair Report)01 as the ExTAG Chairman’s Report to ExMC 2022.

***Dr Frank Lienesch***

***ExTAG Chair***

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**ExTAG List of Decisions according to Meeting Agenda, ExTAG/681A/DA**

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

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

1. **Approval of the Agenda**

**Decision 2022/01**

Members approved the Draft Agenda of the 24th ExTAG Meeting as circulated as ExTAG/681A/DA.

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

**3.1** **Report on last ExTAG Meeting**

**Decision 2022/02**

Members noted the Meeting Report and Decision List from the 2021 ExTAG Meeting as circulated as ExTAG/667/R and ExTAG/664/DL.

**3.2****Report on status of Actions assigned at last ExTAG Meeting**

**Decision 2022/03**

Members endorsed the report from the ExTAG Chairman on the Action Items from the 2021 ExTAG Meeting as circulated as ExTAG/682/R.

In reviewing the report, members agreed to refer to the ExAG the matter of issuing ExTAG/662/INF as guidance (possibly as a revision of IECEx OD 032).

### 4IECEx Equipment Scheme – Overview

**Decision 2022/04**

Members accepted the report from the IECEx Secretariat on an overview of the IECEx System activities since the 2021 meeting.

**5 Technical Items for general discussion within ExTAG**

**5.1 Application of ISO/IEC 80079-38**

**Decision 2022/05**

Members accepted a verbal report from Dr Munro, as ExMC WG15 Convenor, regarding the status of work on Edition 2.0 of ISO/IEC 80079-38 by ExMC WG15 and MT 80079-38. It is noted that it is likely that the document can be made suitable for certification purposes by clarifying requirements.

**6 Performance feedback from ExCBs and ExTLs**

**6.1 Co-operation between IECEx Bodies**

No decision recorded however the meeting noted members remarks and the Chair’s comments about the importance of cooperation and the reminder of the obligations of Clause 10.1 of IECEx 02 on bodies.

ACTION: Secretariat and ExTAG officers are requested to develop and maintain a means of recording feedback from ExCBs regarding issues identified with ExTRs and QARs from other bodies with respect to general acceptability.

**7**  **ExTAG Working Group Status – Review**

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

**Decision 2022/06**

Members accepted the report (as circulated as ExTAG/688/R) from ExTAG WG 01 prepared by the Convener, Mr Scott Kiddle.

Members endorsed to the 2022 ExMC meeting the proposal from the USNC as circulated as ExMC/1880/CD and noted that the following ACTION may assist in this matter.

ACTION: Secretariat to investigate automated notifications of revisions of IECEx publications (possibly with subscription provisions for external stakeholders in addition to IECEx bodies).

Members agreed that revised ExTR proformas need only be implemented at the time of the next project.

**7.2 ExTAG WG 03 Documentation and Drawing Requirements**

**Decision 2022/07**

Members accepted the report (as circulated as ExTAG/684/R) from ExTAG WG 03 prepared by the Convener, Mr Ron Webb.

**Decision 2022/08**

Members supported the proposal (as circulated as ExTAG/683/CD) from Mr Maira regarding use of electronic files and agreed to task ExTAG WG03 (with invitation to other experts) to progress this matter (noting the need to first provide clearer definitions in the proposal and to address cybersecurity risks) in a revision of IECEx OD 017 (and possibly IECEx OD 207) that specifies certain types of acceptable file formats.

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

**Decision 2022/09**

Members accepted the report (as circulated as ExTAG/692/R) from ExTAG WG 06 prepared by the Convener, Mr Chris Agius and supported the planned direction of further work on IECEx OD 024.

**7.4** **ExTAG WG 10 Proficiency Testing**

**Decision 2022/10**

Members accepted the report from ExTAG WG 10 Convener, Tim Krause as circulated as ExTAG/685A/R and noted the publication of IECEx OD 202 Edition 4.0.

ACTION: ExTAG WG10 to conduct a survey of ExTLs regarding their interest and capability to participate in the upcoming programs on motor testing and terminal box testing.

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

**Decision 2022/11**

Members accepted a verbal report from the Convener, Mr Jasmin Omerovic and noted the publication of IECEx OD 207, Edition 2.0.

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

**Decision 2022/12**

Members accepted a verbal report from Ms Katy Holdredge on behalf of ExTAG WG 14 Convener, Mr Paul Kelly, regarding the application of IEC TS 60079-46 and advised that this will be progressed at the 2022 IEC TC31 meetings.

**8 Standards Matters and Collaboration with Technical Committees**

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

**Decision 2022/13**

Members accepted a report (available as ExMC/1890/R) from IEC TC31 Chair, Martin Thedens on Standards development and maintenance matters currently underway within IEC TC 31 that may impact on the IECEx 02 Certified Equipment Scheme.

The meeting expressed their thanks to Mark Coppler for his past efforts and support of the IECEx System.

**8.2 Other Technical Committee matters**

**Decision 2022/14**

Members accepted a report from Dr Arnhold, ExMC WG19 Convenor, the IECEx Executive Secretary and the ExTAG Chair on communication and discussions/work with other Technical Committees and IRENA relating to IECEx coverage of additional element relating to Hydrogen Technologies as part of the ExMC WG19 work. The meeting supported a recommendation to the ExMC to explore cooperation with IRENA.

**9 ExTAG Decision Sheets – Current Status**

**9.1 Current Status**

**9.1.1 Current list of ExTAG Decision Sheets and their location**

**Decision 2022/15**

Members noted 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**

**Decision 2022/16**

Members noted the list (as contained in the Agenda) of ExTAG Decision Sheets and Draft DS dealt with via correspondence since the 2021 ExTAG meeting and endorsed the report.

***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**

**Decision 2022/17**

Members reconfirmed the list (as contained in the Agenda) of ExTAG Decision Sheets falling under the five year review and agreed for the ExTAG Officers to consult with the IEC TC31 Chair (until a replacement Liaison is appointed) as appropriate (refer to next revision of IECEx OD 035 to Edition 3.0).

**9. 3 Review of process for the preparation and approval of Decision Sheets.**

**Decision 2022/18**

Members

* considered a proposal (as circulated as ExTAG/658A/CD) for the revision of IECEx OD 035,
* noted Mr Kiddle’s comments regarding ExMC/1880/CD and notifications to ExTAG WG01 Convenor (refer ExTAG Decision 2022/06), and
* agreed that it be recommended to the ExMC for approval to publish as Edition 3.0 with inclusion of this meeting’s edits to ExTAG/685A/CD to address:
  + Dr Munro’s comments on Clause 3, Item 1.
  + IEC TC31 Chair comments on Clause 1, Step 1.1

ACTION: Secretariat and ExTAG Officers to develop an ExTAG DS Template as proposed by Prof Xu

ACTION: ExTAG WG01 Convenor to be informed of the publication of new ExTAG Decision Sheets as a manual process until an automated system of notifications is available for use

**10 ExTAG Proposed Decision Sheets in progress**

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

**Decision 2022/19**

Members considered the second revised draft Decision Sheet circulated as ExTAG/661B/CD that takes into consideration the associated Compilation of Comments on ExTAG/661A/CD (refer ExTAG/686/CC) and agreed that the draft Decision Sheet proceed to publication as circulated as ExTAG/661B/CD.

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

**Decision 2022/20**

Members considered

* the draft Decision Sheet circulated as ExTAG/674/CD and
* the associated Compilation of Comments as circulated as ExTAG/690/CC)

and noted from discussions that CQM agreed to withdraw this draft DS.

**10.3 Draft ExTAG Decision Sheet - The test sample used for the dielectric strength test on the compound.**

**Decision 2022/21**

Members considered

* the revised draft Decision Sheet circulated as ExTAG/675A/CD and
* the associated Compilation of Comments as circulated as ExTAG/691/CC)

and agreed that the draft Decision Sheet proceed to publication as circulated as ExTAG/675A/CD.

**10.4 Draft ExTAG Decision Sheet - Two independent types of protection Gb to meet Ga requirements.**

No decision recorded – it was noted that the Draft DS has been withdrawn

**10.5 Draft ExTAG Decision Sheet - Disapplication of clause 7.**

**Decision 2022/22**

Members considered the revised draft Decision Sheet circulated as ExTAG/679A/CD that incorporates the comments detailed in the associated Compilation of Comments (as circulated as ExTAG/689/CC) and agreed that the draft Decision Sheet proceed to publication as circulated as ExTAG/679A/CD.

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

No decision recorded.

**12 Contact with other International and Regional Bodies – Status review**

**Decision 2022/23**

Members noted

* the document circulated as ExMC/1606/INF with additional explanation by the Executive Secretary
* an update by Mr Omerovic regarding management system remote auditing guidance.

The ExTAG Chair and Executive Secretary additionally commented on progress of work and opportunities with OIML. The meeting then agreed to recommend to the ExMC that

* past work with OIML be continued
* that IEC CAB be advised of IECEx’s interest in participation in CASCO work on remote audit guidance via Mr Omerovic representing all IEC Conformity Assessment Systems.

**13 Matters for proposal to ExMC**

No decision recorded.

**14**  **Other Business**

No decision recorded.

**15 Confirmation of next meeting, year and place**

**Decision 2022/24**

Members noted that planned meeting dates and program for September 2023 and confirmed a preference for convening the 2023 ExTAG meeting (in person only) in conjunction with the ExMC meeting.

**16 Close of Meeting** at 14:28 UTC on 7th September 2022