The Twenty Second Meeting of the ExTAG

held in webinar format on 29th and 30th September 2020

Decision List

This document, ExTAG/631 /DL, contains the list of Decisions as recorded during the 2020 meeting of the ExTAG Technical Meeting held in webinar format on 29th and 30th September 2020. The decisions were recorded by the IECEx Secretariat and have been confirmed by the ExTAG Chair.

These Decisions should be read in conjunction with ExTAG(Remote/ExTAGChair)07 as the ExTAG Chairman’s Report to ExMC 2020.

***Professor Xu Jianping***

***ExTAG Chair***

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

**ExTAG List of Decisions according to Meeting Agenda, ExTAG/613A/DA**

1. **Opening and Welcome**
	1. **Opening and Welcome,** *ExTAG Chairman, Professor XU Jianping*

 The meeting commenced at 12:00 midday UTC on Tuesday 29th September 2020.

**1.2 Address by new IEC TC31 Chair, Dr Martin Thedens**

**Decision 2020/01**

Members thanked Dr Thedens for his address introducing himself and his objectives as new IEC TC31 Chair.

**Decision 2020/02**

Members expressed their thanks for the work of Mr Mark Coppler for his past work as IEC TC 31 Chair.

1. **Approval of the Agenda**

**Decision 2020/03**

Members approved the Draft Agenda of the 22nd ExTAG Meeting as circulated as ExTAG/613A/DA with the addition of Items 7.1, 7.7 and 6.1 to include Green Papers as follows:

Agenda Item 7.1 - **ExTAG(2020 Remote/WG01) 03** – Report from Convener of ExTAG WG01

Agenda 7.1 - **ExTAG(2020 Remote/JM+RS) 05** – Decision Rule

Agenda Item 7.7 - **ExTAG(2020 Remote/WG14)04**- Report from Convener of ExTAG WG 14

***3.* Report of the 2020 ExTAG Meeting in Dubai**

***3.1*** **Report of the last meeting held in Dubai on 24th September 2019**

**Decision 2020/04**

Members accepted the report from the 2019 ExTAG Meeting held in Dubai as circulated as ExTAG/601/R and ExTAG/597/DL

***3.2*****Report of the action items by the ExTAG Chairman on the ExTAG 2019 Dubai Meeting*.***

**Decision 2020/05**

Members accepted the report from the ExTAG Chairman on the Action Items from the 2019 ExTAG Meeting as circulated as ExTAG/619/R.

***3.3* Officer Positions**

**3.3.1 ExTAG Chair**

**Decision 2020/06**

Members were advised of the proposed balloting process as outlined in ExTAG/628/Inf and agreed to apply this proposal for the election of the incoming ExTAG Chairman and ExTAG Deputy Chairman.

**Decision 2020/07**

Members noted the advice in ExTAG/603/Inf that the current ExTAG Chair, Prof Xu Jianping will complete his second 3-year term at end of 2020. Members also noted the nominations of Dr Frank Lienesch (refer ExTAG/1597/Inf) and Dr Wang Jun (refer ExTAG/1598/Inf) for the ballot for the new ExTAG Chair to commence in this position on 1st January 2021 and their respective verbal introductions of themselves.

**Decision 2020/08**

Members expressed their thanks to Prof Xu Jianping for his efforts in successfully and efficiently leading the work of the ExTAG over the last six years.

**Decision 2020/09**

Following the undertaking of secret ballot via email at the close of Day 1 of the meeting, The ExTAG agrees with the nomination of Dr Frank Lienesch and Mr Jasmin Omerovic for ExMC approval as ExTAG Chair and ExTAG Deputy Chair respectively and seeks ExMC approval for their appointment.

**Decision 2020/10**

The ExTAG members also expressed their deep appreciation to all candidates for their long-standing dedication and contributions to the IECEx System which have, in no small way, contributed to the success of IECEx today.

**3.3.2 ExTAG Deputy Chair**

**Decision 2020/11**

Members noted the advice in ExTAG/604/Inf that the current ExTAG Secretary, Mr Julien Gauthier is unable to continue in this position that, as agreed by the 2019 ExTAG, will be renamed as ExTAG Deputy Chair.

Members also noted the nominations of Mr Thierry Houeix (refer ExTAG/1599/Inf), Mr Jasmin Omerovic (refer ExTAG/1601/Inf) and Mr Nicholas Ludlam (refer ExTAG/1616/Inf) for the ballot for the new ExTAG Deputy Chair to commence in this position on 1st January 2021.

### *4* IECEx Equipment Scheme - Overview

**Decision 2020/12**

Members accepted the report from the IECEx Secretariat on an overview of the IECEx Equipment Scheme activities since the last meeting in 2019. Member also noted the publication and application of Editions 1.0 and 2.0 of IECEx OD 060.

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

**5.1 Certification of Equipment/Assemblies using heaters to raise internal ambient temperatures**

**Decision 2020/13**

Members considered the discussion paper circulated as ExTAG/622C/CD and presented by Mr Slowinske and then raised a number of concerns, proposed amendments to the discussion paper and noted the important role of manufacturers’ instructions. Members agreed that the discussion paper be modified by the originator to incorporate further feedback and then circulated as a draft Decision Sheet according to IECEx OD 035.

**6 Performance feedback from ExCBs and ExTLs**

**6.1 Co-operation between IECEx Bodies**

**Decision 2020/14**

Members considered the verbal proposal from AU regarding cooperation among ExCBs and exchange of information, presented by Dr Munro and agreed to recommend to the ExMC that ExMC WG 01 be tasked to consider the AU proposal.

**7**  **ExTAG Working Group Status - Review**

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

**Decision 2020/15**

Members accepted the report (circulated as ExTAG(2020 Remote/WG01)03) from ExTAG WG 01 prepared by the Convenor, Mr Paul Kelly. Members then agreed to support the ExTAG WG 01 proposal (as modified to replace ‘audit’ with ‘review’ and expanded to mention test data) from ExTAG WG 01 to revise IECEx OD 010-2 to clarify requirements for the provision of Related Drawings to ExCBs.

Members also considered ExTAG(2020 Remote/JM+RS)05) and agreed to recommend that the ExAG continue discussions on this in conjunction with ExTAG WG 01 and ExTAG WG 04 (in parallel with their work on IECEx OD 012).

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

**Decision 2020/16**

Members accepted the report from ExTAG WG 03 Convenor, Mr Ron Webb as circulated as ExTAG/627/R.

**7.3** **ExTAG WG 04 Uncertainty of Measurement**

**Decision 2020/17**

Members accepted the report from ExTAG WG 04 as circulated as ExTAG/623/R and presented by the Executive Secretary.

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

**Decision 2020/18**

Members accepted the report from ExTAG WG 06 as circulated as ExTAG/615/R.

**7.5** **ExTAG WG 10 Proficiency Testing**

**Decision 2020/19**

Members accepted the ExTAG WG10 reports from the convenor, Mr. Tim Krause of PTB as circulated as ExTAG/611/R and as ExTAG/629/R.

Members then unanimously endorsed the future Proficiency Testing Programs for 2021/2022 as presented by Mr Krause (refer ExTAG/629/R).

**7.6** **ExTAG WG 12 Retention of Records**

**Decision 2020/20**

Members accepted the ExTAG WG 12 report from the convenor, Mr. Jasmin Omerovic and recommended to the ExMC that the revision of IECEx OD 207 proceed to publication as circulated as ExTAG/617/CD.

* 1. **ExTAG WG 14 Certification of Ex Equipment Assemblies, IEC TS 60079-46**

**Decision 2020/21**

Members accepted a report from Mr Paul Kelly (circulated as ExTAG(2020 Remote/WG01)04) on ExTAG WG 14 work in monitoring and supporting the work of PT 60079-46 in maintaining IEC TS 60079-46.

**7.8 ExTAG AdhocWG1** **Modular concept for electrical Ex Equipment**

**Decision 2020/22**

Members accepted a report from Dr Detlev Markus on the work of the ExTAG ad hoc WG formed at the 2018 Cannes ExTAG meeting. Members recommended to the ExMC that the revision of IECEx OD 034 proceed to publication as circulated as ExTAG/614/CD and following an editorial review of formatting.

***7.9* ExTAG AdHocWG2 Identification of Ancillary Devices and Marking Identification**

**Decision 2020/23**

Members accepted a report from Mr Fred Lankamp on the work of the ExTAG ad hoc WG formed at the 2019 Dubai ExTAG meeting. Members noted Mr Lankamp’s comments that the Draft DS requires further work in response to comments received on ExTAG/606A/CD.

**8 ExTAG Decision Sheets – Current Status**

**8.1 Current Status**

***8.1.1 To note the current list of ExTAG Decision Sheets***

**Decision 2020/24**

Members noted the list of current ExTAG Decision Sheets available @ <https://www.iecex.com/publications/extag-decision-sheets/>

***8.1.2 Decision sheets and Draft DS not elsewhere covered on the agenda***

**Decision 2020/25**

Members endorsed the list (as circulated as ExTAG/625/Inf) of Draft ExTAG Decision Sheets dealt with by correspondence.

***8.1.3* ExSFC recommendation for dealing with Decision Sheets impacting on the IECEx 03 Certified Service Facility Scheme**

**Decision 2020/26**

Members noted the request from the IECEx ExSFC (as circulated as ExMC/1610/R) and also the USNC comments (as circulated as ExMC/1638/Inf) and then agreed on the removal of DS 2013/006, DS2006/009A and DS2012/002.

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

**5 year review**

**Decision 2020/27**

The meeting agreed that ExTAG Chair and Deputy Chair be requested to review, with Secretariat assistance and originator consultation, the Decision Sheets listed in ExTAG/626A/Inf and make recommendations on each to the ExTAG by correspondence.

**8. 3 Review of process for the preparation and approval of Decision Sheets.**

**Decision 2020/28**

The members noted the current publication of IECEx OD 035 as Edition 2.3.

**9 ExTAG Proposed Decision Sheets in progress**

***9.1***

 ***Draft Decision Sheet Compounded wire-feedthrough constructions between motor frame and terminal box***

**Decision 2020/29**

Members considered

* the revised draft Decision Sheet circulated as ExTAG/563C/CD and
* the associated Compilation of Comments on ExTAG/563B/CD (refer ExTAG/616/CC)

and agreed that the draft Decision Sheet proceed to publication as circulated as ExTAG/563C/CD.

*Close of Session #1 @ 1600 UTC on 29th September 2020*

**9.2 *Draft Decision Sheet Materials used to maintain a Sealed Device***

**Decision 2020/30**

Members considered

* the revised draft Decision Sheet circulated as ExTAG/602B/CD and explained by Mr Slowinske
* the associated Compilation of Comments on ExTAG/602A/CD (refer ExTAG/618A/CC)
* the reasons for the objections of IEC TC31 as outlined by Mr Coppler and the subsequent comments from Mr Slowinske, Mr Sinclair, Ms Lu, Mr Lawrence, Ms Ostojic, Mr Teather, Mr Agius, Mr Gabriel, Mr Massey and Mr Schuller

and agreed that

1. the draft Decision Sheet should NOT proceed to publication and
2. the Originator is invited to conduct further discussions with the relevant IEC TC31 Maintenance Team(s).

**9.3** ***Draft Decision Sheet Dust blanketing temperature test for intrinsically safe apparatus with EPL Da (group III)***

**Decision 2020/31**

Members considered

* the revised draft Decision Sheet circulated as ExTAG/608A/CD and explained by Dr Markus
* the associated Compilation of Comments on ExTAG/608/CD (refer ExTAG/620A/CC)

and agreed that the draft Decision Sheet proceed to publication.

***9.4 Draft Decision Sheet Assessment of devices “Ex ec” (previously “nA”) with integral plug for field wiring***

**Decision 2020/32**

Members considered

* the revised draft Decision Sheet circulated as ExTAG/610A/CD and explained by Mr Leste of LCIE
* the associated Compilation of Comments on ExTAG/610/CD (refer ExTAG/621A/CC)

and agreed that the draft Decision Sheet proceed to publication with the editorial changes requested during this meeting (“e.g.” to be replaced by “for example”).

**10** **New topics to be dealt with during the next ExTAG Meeting**

**Decision 2020/33**

Members supported the proposal from Prof Xu Jianping for a topic on leakage current rating. ACTION: NEPSI and PTB will prepare a discussion paper on this matter. If available in time, this discussion paper may serve as input to the next IEC TC31 CAG meeting.

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

**Decision 2020/34**

Members accepted a verbal report from the IECEx Secretary as an update on ongoing IEC/ILAC/IAF cooperation, noted ExMC/1606/Inf (IEC Administrative Circular AC 23/2020) and supported the approach being taken by IEC on this matter. Members are requested to advise the IECEx Secretariat if future problems arise.

**12 Matters for proposal to ExMC**

Nil other than those already covered on the ExMC Agenda.

**13**  **Other Business**

**Decision 2020/35**

Members supported the Decision Rule survey proposed by Dr Munro as ExTAG(Remote/JM+RS)06 and agreed to respond by the deadline of 31st October 2020.

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

**Decision 2020/36**

Members noted the plans for the next ExTAG meeting at a location to be advised or via webinar format in conjunction with the ExMC meeting.

**15 Close of Meeting** at 13:55 UTC on 30th September 2020