

IEC SYSTEM FOR CERTIFICATION TO STANDARDS

RELATING TO EQUIPMENT FOR USE IN EXPLOSIVE

ATMOSPHERES (IECEx SYSTEM)

**2019 Meeting of ExMC WG02,**

**‘Technical Capability Documents’**

**Monday 6th May 2019, 1:30 PM – 5:00 PM**

**Agenda**

1. Opening by Convenor, Ms Katy Holdredge
2. Approval of the agenda
3. Review of Membership – See Membership of ExMC WG2.xlsx.
   1. New member: Günter Gabriel
4. Review Terms of Reference (Description) - <https://www.iecex.com/members-area/working-groups/?WorkingGroup=7&action_doWorkingGroupSearch=Search>
5. Review of report, including actions and recommendations, from last meeting of ExMC WG02 in 2018 - [ExMC/1408/R](https://www.iecex.com/dmsdocument/2435)
   1. Action 1: IECEx Secretariat to update application form F-003 to reflect latest editions of standards.
   2. Action 3: IECEx secretariat to consider alternatives to e-mail for sharing assessment documents between secretariat and assessment team and report back to ExMC WG2.
   3. Recommendation 4: That ExMC WG04 consider clarifying their documents for how to handle poor, late or no completion of TCD in advance of assessments.
   4. Recommendation 5: That ExMC WG04 consider the appropriate document for the incorporating the requirements in Clause 6.2.3 of IECEx OD 024 for ExTLs and ATFs.
6. Actions for ExMC WG02
7. Maintenance for new editions of standards as well as new standards:
   * None outstanding
8. ExMC Decision 2018/33 - The Meeting considered a proposal from AU, as circulated as [ExMC/1406/CD](https://www.iecex.com/dmsdocument/2462), noted that the 2018 ExTAG meeting discussed and recommended that the matter be referred this to ExMC WG1 – the ExMC meeting supported this.   **The ExMC Meeting also agreed that ExMC WG2 be asked to review TCDs with continued input from MT 60079-28 and IEC TC 31 WG40 sought.**
   * See 31\_1436e\_DC.pdf and 31\_1446e\_INF.pdf.
   * Request from Australian mirror committee - Assessment of an ExCB/ExTL’s ability to understand the relevance of IEC 60079-0 Clause 6.6.4 *Lasers, luminaires, and other non-divergent continuous wave optical sources.*
9. Consider revision to formatting of sections for competence to be consistent, e.g., all questions or all topics – CARRYOVER FROM 2018
10. Other Business
    1. Proposed change to minimum required test equipment for IEC 60079-29-1 to remove asterisks for:
       * Air Velocity (Clause 5.4.9) and

|  |  |  |
| --- | --- | --- |
| **5.4.9** | **Air velocity ~~\*~~** | |
|  | Availability and adequacy of equipment |  |
|  | Maintenance and calibration |  |
|  | Capable of being performed correctly |  |
|  | Comments | This test can be subcontracted to an IECEx Testing Laboratory |

* + - Vibration (Clause 5.4.12)

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| --- | --- | --- |
| **5.4.12** | **Vibration ~~\*~~** | |
|  | Availability and adequacy of equipment |  |
|  | Maintenance and calibration |  |
|  | Capable of being performed correctly |  |
|  | Comments | It is possible for an ExTL to outsource the vibration testing, although they do normally need to be present during the test to apply the gas to check performance. |

* 1. Minimum equipment options for ‘d’ protection method
     + New possible ‘da’ only option: add an asterisk (\*) to Clauses 4.2 and 15.4.4 of TCD
     + How to reduce confusion, e.g., ‘da’ may not imply coverage for ‘db’ and ‘dc’
  2. Consider moving information in Clauses 1 and 2 into an OD or Guideline for ExTLs to prepare the TCD for initial assessments, reassessments & scope expansions – CARRYOVER FROM 2018
  3. Update on status of IECEE work on the verification of temperature / humidity (test) chambers

1. Next meeting of ExMC WG02
2. Close of meeting