

International Electrotechnical Commission

IEC Scheme for Certification to Standards for safety of electrical equipment for potentially explosive atmospheres - IECEx Scheme

Ex Management Committee, ExMC Meeting: September 2000, Agenda item 8.6

**Report from Working Group 2 - Technical Guidance Documents
(Prepared by the Head GB Delegate to ExMC from papers supplied by Peter
Bennett, convenor of WG 2)**

Report

1) Status of Technical Guidance Documents at 7 September 2000

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| 1.1) Flameproof | IEC 60079-1 TGD Revision 2 June 1999
Complete. Passed to IECEx secretariat Dec '99 |
| 1.2) Increased Safety | IEC 60079-7 TGD Revision 2 June 1999
Complete. Passed to IECEx secretariat Dec '99 |
| 1.3) Intrinsic Safety | IEC 60079-11 TGD Revision 2 June 1999
Complete. Passed to IECEx secretariat Dec '99
Updating is needed due to new edition of the standard |
| 1.4) Dust Ignition Protection - Protection by enclosure | IEC 61241-1-1 TGD Revision 1 February 2000
Complete but not yet passed to IECEx secretariat
Our sincere apologies - it will be passed this week. |
| 1.5) Encapsulation | IEC 60079-18 TGD Revision 1 February 2000
Complete but not yet passed to IECEx secretariat
Our sincere apologies - it will be passed this week. |
| 1.6) Oil Filled | IEC 60079-6 Draft TGD awaited from France |
| 1.7) Sand Filled | IEC 60079-5 Draft TGD awaited from France |
| 1.8) Pressurization | IEC 60079-2 Draft TGD awaited from GB |
| 1.9) Zone 2 protection | IEC 60079-15 Draft TGD awaited from GB |

2) Actions requested by WG 2...

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| 2.1) Intrinsic Safety | TGD will need to be updated when the IEC 60079-11
standard is revised perhaps in 2002 |
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2.2) Oil Filled and Sand Filled

We understand France is making good progress and the drafts are expected by the end of October.

2.3) Pressurization

As agreed at ExMC in Sydney 1999, the TGD for pressurization should be prepared by GB when the FDIS of the new standard is issued for voting. We understand from the secretary of IEC TC31 that the English and French texts of IEC 60079-2:200x FDIS have been with IEC Central Office since April 2000 but (as of September 1st) they have not yet been issued by Central Office for voting. However work has been started by GB (A. M. Oowler) and, assuming that the FDIS has been issued by IEC Central Office, the draft TGD should be sent to WG 2 by the end of November 2000. The period allowed for FDIS voting is 3 months.

2.4) Zone 2 protection

The text of the revision of IEC 60079-15 was returned to the WG by TC31 and should be issued as an FDIS before the end of 2000. The preparation of the TGD will be started by GB when the FDIS is issued for voting.

2.5) General requirements

Please note that the applicable General Requirements are included with each TGD for the specific type of protection.

3) EEMUA and the IECEx Scheme

EEMUA, the UK "Ex" User Group and the organisation represented by Peter Bennett convenor of WG 2, is pleased to reassure ExMC of their commitment to the IECEx Scheme and will continue to manage the production of the TGDs if that is the wish of ExMC.

The embarrassing disagreement over funding matters with "The UK Ex Forum" is under constant consideration and is not relevant to the EEMUA work for WG 2. It is hoped that a resolution of the current unsatisfactory situation can be found quickly.

A. M. Oowler
GB Head Delegate to ExMC, September 2000.