



INTERNATIONAL ELECTROTECHNICAL COMMISSION

TECHNICAL COMMITTEE 31 EQUIPMENT FOR EXPLOSIVE ATMOSPHERES

SUBCOMMITTEE NO 31G: INTRINSIC SAFETY

Unconfirmed minutes of the meeting held in Busan, Republic of Korea, 2018-10-24

Those present

Kaiser	Manfred	Chair
Maghar	Mick	Assistant Secretary
Lanctot	Peter	IEC CO
Munro	Jim	Australia
Parmar	Bipin	Australia
Wigg	Jason	Australia
Stochitoui	Dorin	Canada
Sun	Zhaojun	China
Zhang	gang	China
Mlinac	Tomislav	Croatia
Gabriel	Guenter	Germany
Surinya	Endre	Hungary
Mudgal	Meghna	India
Fallon	Kieran	Ireland
Budinich	Michele	Italy

Noda	Kazutoshi	Japan
Kim	Woosuk	Korea, Republic of
Kim	Gihoi	Korea, Republic of
Kim	Jonghyun	Korea, Republic of
Lee	Kyungku	Korea, Republic of
Porshina	Anna	Russian Federation
Grafström	Joakim	Sweden
Dette	Utz	Switzerland
Cameron	Colin	United Kingdom
Walsh	Peter	United Kingdom
Coppler	Mark	United States of America
Engler	Al	United States of America
Schaefer	Benjamin	United States of America
Schnaare	Ted	United States of America
Woods	Tonya	United States of America

1 Opening of the meeting

The Chairman welcomed the delegates to Busan and declared the meeting open.

2 Approval of the agenda

The draft agenda circulated in 31/281A/DA was accepted without change.

3 Note the confirmation of the minutes of the meeting held in Frankfurt, Germany, on 2017-10-08

The report as circulated in 31G/261/RM was accepted as a true and accurate record of the proceedings.

4 Information from IEC Central Office

The IEC Technical Officer, Mr Peter Lanctot, gave a presentation which is in 31G(Busan/IEC CO)1.

5 IEC Code of conduct (summary)

The Chair reminded the delegates that the meeting was being held in accordance with the IEC Code of Conduct which can be found at [http://www.iec.ch/about/brochures/pdf/tools/IEC Code of Conduct.pdf](http://www.iec.ch/about/brochures/pdf/tools/IEC_Code_of_Conduct.pdf).

6 To appoint/confirm the members of the editing committee

The last meeting of the TC31 CAG proposed that there should be a single editing committee for the TC and all the SCs, which will include the Chair and Secretary of each TC and SC as well as the Project Leader of the document concerned. This expanded group will allow each body to check documents for possible effects on their own publications. This proposal will be put forward to TC 31 at their upcoming meeting. The Subcommittee supported this proposal so did not appoint an Editing Committee.

7 SC31G Maintenance Team and Working Groups

7.1 Report from MT 60079-11

The convenor presented his report which is in 31G(Busan/MT 60079-11)2. They will shortly issue an interpretation sheet for the enclosure tests.

7.2 Report from MT 60079-25

The Chair presented the report on behalf of the convenor which is in 31G(Busan/MT 60079-25)3.

7.3 Report from PT 60079-39: IEC TS 60079-39

The TS is due for review in 2020. If it is decided to develop a second edition the PT will be changed to an MT. Otherwise the PT will be closed.

7.4 Report from Joint Working Group JWG31J - Intrinsic safety "i"

This group has not met recently and there was a discussion on whether it should be disbanded. It was suggested that rather than having a permanent group, joint meetings of the concerned MTs could be held.

Decision 2018/01

IEC/SC 31G decides to disband Joint Working Group JWG31J and invites SC 31J to agree.

7.5 Report from SC31G WG4 - Spark Test Apparatus

The convenor presented his report which is in 31G(Busan/WG 4)4.

8 Update the Programme of Work of TC/SC 31G as recorded by IEC Central Office

It was decided to extend the target dates of the CDV and FDIS of IEC 60079-11 by twelve months.

9 Review Stability Dates

No changes are needed to the stability dates of the published standards.

10 Review of P-members participation

The record of the P-members' participation in the meetings and votes was circulated in 31G/286/INF. Those P-members not having a sufficient level of participation will be reminded of their obligations by IEC.

11 Review liaisons

There are no liaisons.

12 Review the Strategic Business Plan

SC 31G does not have its own SBP, it is included in the one produced by TC 31.

13 Any other business

13.1 Proposed Horizontal Safety Function and associated Basic Safety Publication Development for TC 31 and its subcommittees

At the last TC 31 meeting it was decided to form an ad hoc group to report on recommendations for the development of a document that could become the reference point for TC 31 standards as a Basic Safety Publication. Their final report which will be presented to the TC 31 plenary is in 31G(Busan/AHG 51)5. The ad hoc group would like the support of the Subcommittees in this project.

Decision 2018/02

SC 31G supports the development of a safety publication with a preference for a BSP but accepting a GSP, subject to further discussion with ACOS.

Decision 2018/03

SC 31G supports TC 31 establishing a new WG to progress early work of AHG 51 on a proposed safety publication. This may need to be considered as a horizontal WG to include the TC 31 subcommittees.

Decision 2018/04

SC 31G supports TC 31 plan to extend the work of AHG 51 until the new WG is established and then transition any roles from AHG 51 to become roles as part of the new WG scope.

Decision 2018/05

SC 31G supports TC 31 plan to have AHG 51 finalize any proposal to ACOS and make formal contact with other TCs/SCs of IEC as needed to obtain necessary support.

13.2 “2-Wire Intrinsically Safe Ethernet” concept (2-WISE)

Mr Gabriel gave a presentation, which is in 31G(Busan/2-WISE)6 on Ethernet Based Advanced Physical Layer for the Process Industries. There was unanimous agreement that the work should proceed and there was a discussion as to whether this material could be directly incorporated into IEC 60079-11 or published as a separate TS.

It was decided to request the German National Committee to prepare a New Work Item Proposal for a Technical Specification and nominate a Project Leader.

14 Date and place of the next meeting

No meeting will be held in 2019 the next one is planned for 2020, location to be confirmed.

17 Close of the meeting

The Chairman announced that he will not be seeking reappointment when his term of office expires so this will be his last meeting. The following decision was proposed and unanimously approved.

Decision 2018/05

SC 31G thanks Manfred Kaiser for all his excellent work as chair of the Subcommittee and wishes him all the best for the future.

The Chair then thanked the delegates and SC officers and declared the meeting closed.

The annexes to this report are circulated as 31G/289/MTG.