



**INTERNATIONAL ELECTROTECHNICAL COMMISSION SCHEME FOR
CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR USE
IN EXPLOSIVE ATMOSPHERES
(IECEx Scheme)**

**ExTAG – IECEx Testing and Assessment Group – comprising of
Accepted Ex Certification Bodies (ExCBs) and Ex Test
Laboratories (ExTLs) and Candidate Ex Certification Bodies
(ExCBs) and Ex Test Laboratories (ExTLs)**

**The Sixth Meeting of the ExTAG was held
In Brdo, Slovenia
12th October 2004**

This document contains the Confirmed Formal Minutes of the 2004 IECEx Testing and Assessment Group. While comments agreeing with the Draft Minutes were submitted, no requests for changes were received. Therefore these minutes are now issued as Confirmed Minutes.

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ExTAG Secretary
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Attendance List

Country	Name	Organisation
ExTAG Chairman	Mr Kerry McManama	Underwriters laboratories
ExTAG Secretary	Mr Michel Brenon	ExTAG Secretariat LCIE
(AU) Australia	Jim Munro	IEC/TC31 Chairman Jim Munro International Compliance Pty Ltd
	Ralph Wigg	Observer (IEC/SC31H Chairman) Ex Solutions Int. P/L
	Jose David	Observer Standards Australia International
	James Birch	SIMTARS
	David Walker	ITACS
	Ronald Collis	Observer AEEMA (Rockwell Automation)
(CA) Canada	Joe Gryn	CSA International
	David Adams	CSA International
(CN) China	Shiyu Xu	CNCA
	Jianping Xu	NEPSI
	Gang Zhang	CNCA
(DE) Germany	Gerhard Schwarz	Observer Cooper Crouse Hinds GmbH
	Karl-Heinz Schwedt	TUV Nord Cert GmbH + Co.KG
	Gerold Klotz-Engmann	Observer Endress+Hauser GmbH+Co.KG
	Uwe Klausmeyer	IECEX Chairman PTB
	Ulrich Johannsmeyer	IEC/SC31G Chairman PTB
	Michael Wittler	EXAM
	Hans Wehinger	PTB



Country	Name	Organisation
(DE) Germany	Harald Hofmeister	Observer Pepperl & Fuchs
(DK) Denmark	Steen Christensen	UL- DEMKO
(FI) Finland	Risto Sulonen	VTT Industrial Systems
(FR) France	Alain Czyz	INERIS
	Michel Lhenry	Observer ABB Oy
(GB) United Kingdom	John Allen	Observer Dowding and Mills for Electrical Apparatus Service Association (EASA)
	Allan Ogden	Observer Hawke International
	Ian Cleare	Observer Buxton Technology Ltd
	Ronald Sinclair	BASEEFA (2001) Ltd.
(IT) Italy	Mirko Balaz	CESI Spa
(JP) Japan	Toshi-hiro Hayashi	Observer TIIS
(KR) Korea	Jun-Gu Kang	KTL
	Dong Hee Shin	KATS
	Yeong Duk Kim	KOSHA
	Chang Woo Lee	KGS
(NO) Norway	Thore Andersen	NEK and NEMKO



Country	Name	Organisation
(NO) Norway	Bjorn Spongsveen	DNV Certification AS
(NL) Netherlands	Theo Pijpker	KEMA Quality B.V.
(RO) Romania	Emilian Ghicioi	SECEEx-INSEMEX
	Sorin Burian	SECEEx-INSEMEX
(RU) Russia	Vitaly Grudtsyn	VNIINMASH
	Alexander Zalogin	NANIO CCVE
	Armenak Gevorkyan	NASTHOL
	Anna Salatsinskaya	NANIO CCVE
(SE) Sweden	Peter Bremer	SP
(SI) Slovenia	Zdravko Kramar	SIQ
	Igor Likar	SIQ
	Aleš Arnšek	SIQ
	Franc Cencelj	SIQ
	Pečavar Bojan	SIQ
(US) United States of America	David Chirdon	Observer US DOL, Mine Safety and Health Administration
	L. Evans Massey	Observer Rockwell Automation
	Robert Martell	FM Approvals
	William Fiske	Intertek ETL SEMKO Americas
	Paul T. Kelly	IEC/SC31A Secretary Underwriters Laboratories Inc



Country	Name	Organisation
(YU) Serbia and Montengro	Miroslav Tufegdzcic	Institute for nuclear sciences VINCA, Laboratory CENEx
(ZA) South Africa	Erich Seeger	SABS
IECEX Secretariat	Chris Agius	IECEX Secretary
	Heinz Berger	IECEX Treasurer Certiconsult GmbH
	Christine Kane	IECEX Secretariat



Ex TAG DRAFT Minutes

1 Opening and Welcome – IECEx TAG Chairman - 6th meeting

Mr Kerry McManama welcomed the participants and congratulated Mr Igor Likar of SIQ for the facilities provided and the excellent organization. The ExTAG chairman reminded the Observers of their role and drew their attention to the fact that there would be some items of restricted participation. It was decided that matters to be covered under items 4 and 7 of the agenda would be restricted to delegates only.

The Chairman reminded the meeting that all official representatives of ExTLs and ExCBs are expected to attend and participate at the ExTAG annual meeting.

2 Approval of the Agenda

Document ExTAG/59C /DA

It is noted the presence of 6 green papers –

- 01 Attendance list,
- 02 Complementary proposal in relation to item 10.6,
- 03 WG5 decision sheet
- 04 WG6 Revision ExTAG/53A/CD,
- 05 Distributor as Certificate Holder,
- 06 WG6 revision ExTAG/57A/CC

It was also decided to bring Items 4 and 7 of the Agenda forward to the commencement of the meeting in order to conduct only one restricted session.

3 Minutes of the 5th ExTAG Meeting Budapest 2003

The Meeting noted the Confirmed Minutes from the last meeting held in Budapest in October 2003. The minutes have been confirmed via correspondence.

Document noted:

ExTAG/48A/RM Confirmed Minutes of 5th ExTAG Meeting

4 ExTAG Officers (Restricted participation)

Document noted:

ExTAG/52/Inf Call for Nominations to ExTAG Secretary

Nominations to elect an expert to the office of ExTAG Secretary, for consideration by the ExMC, were called for.

Mr Brenon, being eligible for re-election and having declared his willingness to stand for re-appointment as ExTAG Secretary, was nominated for an additional 5-year term. A document ExTAG/52/Inf seeking other nominations had previously been issued.

Mr Michel Brenon was re-appointed unanimously. He thanked the ExTAG for their confidence and also for their continuing support.

ExTAG will put this recommendation forward to ExMC for endorsement.

5 Report on ExTAG Training Workshop held Monday 11th October 2004 in Brdo

5.1 The ExTAG Chairman, Mr Kerry McManama, gave a summary highlighting the main points from the ExTAG Training Workshop, also giving a brief description of topics covered by each of the speakers. He advised that the focus for the Brdo Meeting Workshop had been on “Assessment and Auditing of Manufacturers Quality System to OD 005”.

- Mr Chris Agius, the ExMC Secretary, presented an overview of the IECEx Rules and related Operational Documents with discussion on:
 1. New IECEx 02
 2. Operational Documents OD005, OD009 and OD011
 3. Feedback from industry – both favourable and unfavourable, or constructive criticisms
- Mr Heinz Berger detailed the IECEx Guidance on the management and conduct of Quality system assessments to Operational Document OD 005, presentation of Document EMC/161/CD and the revised version.
- Mr Michel Brenon, ExTAG Secretary, presented an introduction to auditing using IECEx Operational Document OD 005 and the inter-relationship with other International and regional/national quality system requirements, e.g. ISO 9001, ATEX.
- Mr Ralph Wigg, Ex-Solutions International P/L, presented a “Manufacturer’s Perspective” of IECEx Quality System Audits with focus and attention to differing approaches to maintaining control over production

5.2 *Matters, actions and recommendations arising from ExTAG Training workshop*

ExTAG recommendations to be forwarded to the ExMC

- Marketing should be given a high priority with advertising testimonials sought
- ExTAG Statistics should be compiled relating to the acceptance of ExTRs in order to establish the efficacy of the IECEx Scheme.
- The acceptance of CBs from non-participating countries.
- Identification of National Differences related to quality system requirements is to be encouraged.

Also for noting by ExTAG Members-

- To be noted - the EU Commission recognizes the value of the IECEx peer assessment.
- A call for topics for the next ExTAG Meeting to be held in Buxton (2005) and a suggestion that the format or structure of such a meeting be reconsidered. Also, a call for a workshop involving Users.

6. **New Applicant Status Short Review.**

ExMC Secretariat Report

The ExMC Secretary reported that there were 11 new applicants to become accepted IECEx Certification Bodies and IECEx Test Laboratories. He continued that there is also the potential of there being 31 ExCBs and 32 ExTLs, depending on the outcome of assessments, within the next 12 months.

7. **Assessment of ExCBs and ExTLs (Restricted participation) Report from ExMC Secretary**

7.1 *Status review.*

The ExMC Secretary indicated that voting on the acceptance of FM Approvals (USA) and NANIO CCVE (RU) had been completed with the outcome to be presented at the ExMC.

He informed the members that the IECEx Re-assessments had recently commenced, and advised that the assessment procedures had matured considerably over the years. He explained that, for example, Assessors now require, as part of the current procedures, bodies to complete Technical Guidance Documents (TGDs) prior to the commencement of the assessment. In his role as an assessor, the secretary reported that while the technical competence of the bodies had been very high, aspects of documentation required tidying up.

Given the comments made by the ExMC Secretary there was some discussion relating to the IECEx documentation. The ExTAG Chairman suggested that more could be done to assist bodies in the preparation of documentation particularly the Operational Documents (ODs). As a result it was decided that ExTAG and ExMC revisit applicable ODs.

The ExTAG Chairman questioned the ExMC Secretary about the process of issuing and receiving ExTRs particularly when they relate to possible disputes between the bodies involved. On this occasion the ExMC Secretary stressed that, in the event of a problem between issuing bodies and the accepting body, the rules of IECEx 02 must be respected, citing in this instance Clause 10 *Use of ExTRs and QARs for National Certification – 10.1 General*

It was then suggested that an awareness of the IECEx rules may not be prevalent throughout an organisation and that this may become, in itself, a possible source of conflict. The suggestion was made that organizations ensure that information related to IECEx Rules is widely disseminated to all the relevant staff.

Also for discussion was the subject of exchanges between ExCBs when, in some instances, it might be necessary to discuss “confidential” elements. The Meeting agreed that manufacturers should be made aware of this possibility. As this was seen as an issue of considerable importance it was suggested that a WG be created, ExTAG WG7, which would work on the topic of the exchange of information between ExCBs in relation to “Manufacturer’s Proprietary Information”.

Participants of the WG are as follows:

CSA (Joe Gryn),
PTB (Uwe Klausmayer),
UL (Paul Kelly),
Baseefa 2001 (Ron Sinclair)

It was noted that Mr Joe Gryn (CSA) accepted to act as convenor and is therefore in charge of preparing a draft of the terms of reference by end of December.

ExTAG agreed that, based on the outcome of WG 07, a recommendation will be made in due time to consider this point at the ExMC level for proper action.

8. IECEx Website and On-line Certificate of Conformity

Update of information by IECEx Secretariat

The following points have been presented:

- A Working Group database is now available on the website with future extended search capability
- This Database has a link with the existing directory. Please advise Secretariat of any changes to contact details.
- Introduction and Operational Manual for manufacturers or others using CoC Web Site
- OD 009 provides guidance for the Certification process. OD 011 provides guidance to users.

9. Working Group Status-Review.

To review the status of work conducted by the ExTAG Working Groups and to give consideration to the continuance of groups.

9.1 ExTAG WG1, Preparation and maintenance of ExTRs

Document Noted

ExTAG/65A/R Report on WG 1 Preparation and maintenance of ExTRS

WG 1 Convener, Mr Peter Smith, CSA, in Toronto prepares and co-ordinates the ExTRs

Mr Smith sent his regrets to the Meeting saying that he was unable to attend. He asked Mr Gryn, CSA, to present his report. Mr Gryn discussed the changes and improvements that had been made to the ExTRs. He cited Page 5 of ExTAG/65A/R as giving examples of these improvements saying that “it is considered that the editorial changes made will produce a more efficient document”.

Mr Gryn, on behalf of Mr Smith, sought volunteers to assist in the production of the ExTRS. It was noted that in the past there has been difficulty in sourcing volunteers. Uwe Klausmeyer, PTB, commented that as the ExTRs are being more widely used it is in interest of all the bodies to volunteer. There was considerable discussion relating to a technical solution to some of the ongoing problems in completing ExTRs. Mr Jim Munro, Chairman TC31 and Lead IECEx Assessor, suggested that the cost of completing an ExTR, given the time that it takes, is very high. He continued saying 'that it is important for both efficiency and cost that the ExTRs be streamlined'. Mr Gryn, CSA, pointed out that "if a technical solution became available everyone must have the capability to use the form, they must have the available technology'. Mr Ralph Wigg, Ex-Solutions, commented that "from a manufacturers view point there would be support for an IT solution, a database, as it would reduce cost and time".

The principle of having available a shared database for ExTRs was favourably examined. Suggestion was made to develop a pilot to evaluate feasibility (cost, accessibility) on two ExTRs. PTB, who has already commenced work on an IT solution for completing ExTRs, proposed to share their database experience to help define specification. The following ExTRs were selected IEC 60079 Parts 0 and Part 7 with the recommendation to be put forward to the ExMC to consider the development of a proper IT tool satisfying the principles mentioned above. It was suggested that an Adhoc WG, comprising of the officers, be created on this important issue. Mr Gryn, CSA, suggested, after some discussion, that this recommendation be taken to the ExMC. Support for this came from GB, FR and AU.

The following volunteers were found to produce ExTRs for

- IEC 60079 Part 11 edition 4 see version 3 of ExTR is already in use.
- IEC 60079 Part 11 edition 5: Dr U. Johansmeyer, PTB
- IEC 60079 Part 15 CSA and Intertek
- IEC 60079 Part 27 TÜV Nord, INERIS + Mr Ralph Wigg(Ex-Solutions)
- IEC 61241-11 INERIS + ITACS

Mr Wigg, Ex-Solutions, recommended that a start be made to work with edition 4 of IEC 60079 Part 11, based on version 4 of the ExTR.

The members were advised that by 2008 it is expected that there will be an alignment between the Gas and Dust standards e.g.: 60079-18 and 61241-18. Mr Ralph Wigg suggested however, that it would still be appropriate to prepare, in advance, the relevant ExTRs in separate documents.

It is noted that all ExTRs quoted in section 2 of ExTAG/65A/R are now available on the web site

The Meeting conveyed its appreciation to Mr Peter Smith, CSA, for his remarkable work

9.2 IECEx TAG WG2 Interpretations and Technical Enquires

Working Group 2 was originally convened during the 1997 Toronto Meeting and has been on standby for some time. There was some discussion as to whether or not the

WG should be disbanded. The ExTAG Secretary pointed out that there is a current ExTAG Decision Sheet 2003/02 *Proposal for a procedure to generate, discuss and finalise them*, which already covers this subject and therefore the work of this WG was no longer necessary. After further discussion it was proposed that this Decision Sheet become an Operational Document, OD. Mr Peter Bremer, SP, supported this suggestion. It was decided to put this proposal to the ExMC. The decision was then taken by the members to disband WG2 as an ExTAG WG

9.3 *IECEX TAG WG3 Documentation and Drawing Requirements*

Working Group 3 was originally convened to prepare documentation and drawing requirement guidelines for use in the preparation and issuing of ExTRs.
(Report by Mr Jim Birch, Convenor)

Document noted:

OD/017 V2 Drawing and Documentation Guidance for IECEx Certification

The meeting endorsed OD/017/ V2 suggesting however that further work is required. Mr Jim Birch, SIMTARS, as convenor, in acknowledging this comment, noted that the document has been issued for some time and certainly needs reviewing. After further discussion it was decided that the WG would recommence work, by e-mail, and would produce a new edition before the next meeting. It was also suggested that WG 3 should expand its scope to specifically prepare a document for Test Laboratories and to cover the documentation requirements for IS assessment. WG 3, while agreeing with the need for such a document, recommended that an additional Working Group be formed to cover IS requirements. It was noted that Guidance on IS implementation would be appreciated. Dr Johannsmeyer, in his SC31G role, advised the meeting that a new IS Standard was due to be published in 2006, he agreed however, that if the members believed that a guide on IS be prepared then it should be supported.

It was agreed that a new WG, as suggested, ExTAG WG8 be set-up to cover this area with the following members-

ITACS (David Walker, Convenor)
INERIS (Alain Czyz)
UL (Paul Kelly)
UL/DEMKO (Steen Christensen)
BASEEFA (Maurice Powney)
EXAM (Michael Wittler)
SIMTARS (Jim Birch)
KEMA (Theo Pijpker)

The WG will contact the SC 31G and will take on board relevant ExTAG Decision Sheets prior to commencing their work.

The convenor shall propose new terms of reference by the end of January 2005. It is noted that a Workshop training session could be proposed as an outcome of the WG 8

Scope of the new Working Group is to be determined by early 2005 and it is expected to take into account practices within laboratories.

In concluding the report from ExTAG WG3 it is noted that the following persons are members of ExTAG Working Group 3 (WG3)

Mr Jim Birch – Convenor (SIMTARS)
Allan Ogden, (Hawke)
Alain Czyz, (INERIS)
Ralph Wigg, (Ex-Solutions)
Michael Wittler, (EXAM)
Steen Christensen, (UL-Demko)
D Walker, (ITACS)
R Sinclair, (Baseefa)
Michel Lhenry (ABB Oy)

9.4 IECEx TAG WG4, Uncertainty of Measurement
(Report by Dr. U. Johannsmeyer, Convenor)

Document noted:

OD/012/V1 ExTAG Guide for Application of Uncertainty of Measurement to conformity for laboratory tests carried out under the IECEx Scheme

This document is based on the CB scheme's document and contains valuable special annexes appropriate to IEC Ex Standards. It is intended to give guidance on 'Uncertainty of Measurement' that is pertinent whenever required.

It needs to be noted that Mr W.Fiske (INTERTEK) and Mr M. Brenon (LCIE) are to join WG4. WG4 work will be carried out by e-mail.

9.5 IECEx TAG WG5 Verification of compliance to referenced Standards

This Working Group was formed as a result of discussions on document *ExTAG/45/CD Verification of compliance to referenced Standards* held during the 2003 ExTAG Budapest Meeting
(Report by Mr Paul Kelly, Convenor)

Documents considered:

ExTAG/45/CD Draft decision sheet prepared by AU Bodies -
Verification of compliance to referenced Standards

ExTAG/54/R Report form ExTAG Working Group 5 - Verification
of compliance to referenced Standards

ExTAG/56/CC Compilation of comment on ExTAG/54/R
Verification of compliance to referenced Standards

It was noted that the Convenor Mr Paul Kelly has provided a Green paper for discussion, see ExTAG (Brdo/WG5) 03.



After considerable discussion by the members it was decided that more time was required before a final conclusion could be reached. Comments to be provided by late January

9.6 IECEx TAG WG6 Procedures for testing at other locations

This Working Group was formed as a result of discussions held during the 2003 ExTAG Budapest Meeting. The Working Group first met in Budapest in 2003 and reported to the ExMC Budapest Meeting (report contained in - ExMC/181A/RM - Clause 20. 1 Report from WG on Manufacturer's testing). As result of this report additional experts were added to the Working Group. It should be noted that Dr Dill wishes to relinquish his role as convenor and a replacement convenor is sought.

Documents considered:

ExTAG/53/CD Draft IECEx OPERATIONAL DOCUMENT- IECEx Rules of Procedure for testing at other locations (e.g. in manufacturers or users laboratories)

ExTAG/57/CC Compilation of comments on Draft IECEx OPERATIONAL DOCUMENT- IECEx Rules of Procedure for testing at other locations (e.g. in manufacturers or users laboratories)

It was noted that the Mr Joe Gryn (CSA), reporting on behalf of Dr Wolf Dill, has provided Green papers for discussion, see ExTAG (Brdo/WG6) 04 and ExTAG(Brdo/WG6)06.

There was considerable discussion relating to the topic as to when testing at manufacturer's facilities is, or is not, sub-contracting. One view being that witness testing by an ExTL at another TL is not sub-contracting. After further discussion it was decided that the requirements of Bullet Point 3, ExTAG/57/CC, be carried over to the ExMC. It is proposed, that once the management committee has considered the requirements of an ExTL as covered by WG6, an Operational Document (OD) be produced.

Decision: WG to come with a clean document by end of February 2005 on Comments to be received by end of Mid January 2005.

It was noted that WG is updated as follows:

Michel Brenon (LCIE) Convenor
Allan Ogden (Hawke)
R Martell (FM Approvals)
G Klotz-Engmann (Endress+Hauser)
Joe Gryn (CSA)
Michel Lhenry (ABB Oy)
Gerhard Schwarz (Cooper Crouse Hinds GmbH)

10 ExTAG Technical Discussions

10.1 To note updates to the current list of ExTAG Decision Sheets

The following document provides a listing of current ExTAG Decision Sheets and is issued for information to ExTAG Members.

Document noted:

ExTAG/58/Inf A list of approved ExTAG Decision Sheets

Noted by the audience

10.2 *ExTAG decision sheets discussed*

Document *ExTAG/42/CD Short circuit testing of IS batteries* was issued for discussion during the Budapest Meeting. Canada wished to make comment, post meeting, and as a result a revised draft document *ExTAG/49/CD Short circuit testing of IS batteries* was circulated for comment. The following documents *ExTAG/49A/CD*, *ExTAG/51/CC* and the latest document *ExTAG/49B/CD* are a result of comment received.

Documents discussed

ExTAG/42/CD Short circuit testing of IS batteries

ExTAG/49/CD Short circuit testing of IS batteries

Based on decision made during the ExTAG Budapest Meeting

ExTAG/49A/CD Short circuit testing of IS batteries

Based on comments detailed in *ExTAG/51/CC* Dr Wolf Dill prepared a revised draft decision sheet, document *ExTAG/49A/CD* for ExTAG consideration

ExTAG/49B/CD Short circuit testing of IS batteries

Dr Wolf Dill prepared a revised draft decision sheet based on comment received document *ExTAG/49A/CD*.

ExTAG/51/CC Short circuit testing of IS batteries

The comments detailed in is document, *ExTAG/51/CC* were issued for the information of ExTAG Members when considering *ExTAG/49A/CD*

After some discussion by ExTAG members it was decided that *ExTAG/49B/CD* be converted into an ExTAG Decision Sheet.

10.3 *Use of temperature coefficient for ambient temperatures above 40°C*

As a result of discussions held on *ExTAG/46/CD Use of temperature coefficient for ambient temperatures above 40°C* during the 2003 Budapest Meeting a revised document *ExTAG/50/CD*, prepared by GB, was circulated for comment. *ExTAG/55A/CC* is a compilation of the comment received.

Documents considered:

ExTAG/46/CD Draft decision sheet prepared by AU Bodies - Use of temperature coefficient for ambient temperatures above 40°C

ExTAG/50/CD ExTAG Draft Decision Sheet - Use of temperature coefficient for ambient temperatures above 40 deg C

ExTAG/55A/CC Compilation of Comments received concerning
ExTAG/50/CD Draft Decision Sheet - Use of temperature coefficient for
ambient temperatures above 40°C

After some discussion by ExTAG members it was decided that ExTAG/50/CD be converted into an ExTAG Decision Sheet.

The chairman of SC31G also took this on board, in principle

10.4 *Procedures for use of Ex components not covered by an ExTR*

This draft Decision has been prepared in response to enquiries received by the IECEx Secretariat

Document considered

ExTAG/61/CD Procedures for use Ex components not covered by an ExTR

After some discussion by ExTAG members it was decided that, with an editorial change to the spelling of the word 'manufacturer', ExTAG/61/CD be converted to an ExTAG Decision Sheet.

10.5 *Use of the suffix "X"*

This Draft Decision Sheet has been prepared by Mr. Ajay Maira (TestSafe)

Document considered:

ExTAG/62A/CD Use of the suffix "X"

ExTAG Members, after some discussion, could not reach consensus on this document and, as there was no representative from TestSafe present, the paper was therefore withdrawn.

10.6 *Distributor as a Certificate holder*

This Draft Decision Sheet has been prepared by Mr Karl Heinz Schwedt (TÜV Nord).

Document considered:

ExTAG/63/CD Distributor as a Certificate holder

See Green Paper ExTAG(Brdo/TÜV Nord)05

The members acknowledged the work done by Mr Schwedt, TÜV Nord, and the raising of this important matter. Following much discussion the meeting agreed that the document needed to be further developed. The ExMC Secretariat stated that it believed that it was necessary to retain the Decision Sheet and for the work to be ongoing. Mr Bremer(SP) supported this proposal. Given these comments ExTAG then recommended that this issue be forwarded to the ExMC with the suggestion that a new ExMC Working Group be set-up to deal with the preparation of an Operational Document (OD) concerning Certificates of Conformity issued to distributors of Ex equipment-



The following have volunteered to participate on the Working Group-
Mr Bremer, (SP)
Mr Sinclair (Baseefa, possibly as convenor)
Mr Karl Heinz Schwedt, (TUV Nord)
Mr Klotz- Engmann, (Endress+Hauser)
Mr Thore Andersen, (Nemko)
Mr Gryn, (CSA)
Mr Brenon, (LCIE)

10.7 Segregation distances where earthed metal separates IS from Non IS circuits

This Draft Decision Sheet has been prepared by Mr David Walker (ITACS)

Document considered:

ExTAG/64/CD Segregation distances where earthed metal separates IS from Non IS circuits

No comments received to date. After some discussion by ExTAG members it was decided ExTAG/64/CD be converted to an ExTAG Decision Sheet. It also recommended that work to be transmitted to a maintenance team.

10.8 Non-metallic parts of enclosures

Document considered

ExTAG/66/CD **Non-metallic parts of enclosures**

AU prepared this Draft Decision Sheet. Mr Jim Birch (SIMTARS) gave a brief report on the proposed Decision Sheet which was accepted without comment by ExTAG Members.

10.9 Label requirements of IEC 60079-0

AU has prepared this Draft Decision Sheet

Document considered:

ExTAG/67/CD

No comments received to date

Decision: Requests would be more appropriately placed on the work program of the relevant TC 31 Maintenance team

10.10 Draft ExTAG Guidance Document for Sampling of Group I Ex d Motors for Test as Representative of a Range for Certification Purposes

Mr Jim Munro, Chairman of IEC TC/31, prepared the following Draft Decision Sheet

Document considered:

ExTAG/68/CD Draft ExTAG Guidance Document for Sampling of Group I
Ex d Motors for Test as Representative of a Range for Certification
Purposes

Although comments had not been received prior to the meeting there was some discussion amongst ExTAG Members, particularly regarding the size of the document. Members agreed that it would be more appropriate for publication as an OD rather than simply a Guidance Document. Given the complexity of the document it was suggested by Mr Munro, Chairman TC31, that members be given until the end of January to submit comments.

11 Contact with other International and Regional Bodies – Status review

11.1 ExTAG Chairman and IECEx Officers to report

Mr Chris Agius, ExMC Secretary, reported on the possibility of joint assessments between the IECEx Scheme and ILAC. This subject, which has been under discussion for some time, is not far from being put into action.

Mr Agius also reported that contact between ATEX and the IECEx has so far had little success, citing the difficulty in contacting Mr Shearman, Chairman of the ExNB, as a reason. Mr Sinclair, BASEEFA, reported that he had just this week heard that Mr Shearman had left SIRA. He continued that this would explain the reason for the difficulty in contacting Mr Shearman. As Mr Sinclair would be attending the next ExNB Meeting to be held in November it was decided to put this item on their agenda.

12 CAB/ILAC Cooperation

Review on ILAC Issues (Report by C. Agius).

Document noted:

- **CAB/470/R** - Report on the ILAC/CAB Technical Panel meeting, 29 April 2004 (Geneva, Switzerland)

It is expected that there will be new progress to report after CAB meeting in Seoul

13 Integration of service facilities of Ex Repair and Overhaul of Ex Equipment

The ExMC Secretary to report as convenor of ExMC WG 10

Document considered:

ExMC/193/R – **Confirmed report of the WG10 Singapore meeting 13.1**
Inclusion of ex repair and overhaul within the IECEx Scheme

A detailed report has been prepared and will be presented by Mr Chris Agius, Convenor of WG10, during the coming ExMC Meeting.

14 Matters for proposal to ExMC

The following 5 topics are proposed to the ExMC



- Recommendation to accept the ExTAG's nomination of Mr Brenon as ExTAG Secretary for a further term
- Marketing should be given a high priority in the Scheme with advertising testimonials sought
- ExTAG Statistics should be compiled relating to the acceptance of ExTRs in order to establish the efficacy of the IECEx Scheme.
It was also noted that there has been difficulty in sourcing volunteers, which it is believed could be due to the fact there appears to be a lack of coverage on the part of the development of ExTRs
- The acceptance of CBs from non-participating countries.
- Identification of National Differences related to quality system requirements is to be encouraged.

15 Other Business

At this point there was some discussion relating to the current phase of re-assessments particularly in relation to the expectation of, as well as the extent of, the information contained in an ExTR. Some felt more information was required although there was no suggestion that the drawings were to form part of an ExTR. Others believe that there was sufficient information contained in the current ExTRs. The final conclusion being the need to have valid and up-to-date ExTRs in which the Bodies have completed all agreed data.

16 Confirmation of next meeting, year and place

The next ExTAG Meeting, normally aligned with the next ExMC meeting, is to be held in Buxton (United Kingdom) commencing 2nd – 7th October 2005

The host, Mr Ron Sinclair of BASEEFA, has made the following suggestions-

Sunday - WG1 and 5 Meetings

Monday – Industry Seminar

Tuesday/Wednesday- Training Workshop and ExTAG Meeting

Thursday/Friday- ExMC Meeting

17. Close of meeting.