



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

**Title: Working Group WG5 - Quality System requirements of Ex
Manufacturers, Singapore 2019, Meeting Agenda and Report**

INTRODUCTION

This document sets out the report of the 7 May 2019 meeting of ExMC WG 5 held in Singapore as part of the 2019 IECEx series of Operational Meetings. The report includes the following recommendation which will be presented for ExMC consideration during the September 2019 Dubai Meeting.

RECOMMENDATION 1: That ExMC approves the additional note to Section 3 of Document F001 QAR Report Form (to be Edition 3.2) to allow flexibility in using the Standard QAR Report Form.

IECEx Secretariat

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**INTERNATIONAL ELECTROTECHNICAL COMMISSION SYSTEM FOR
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MEETING REPORT

**Held at IEC Asia – Pacific Regional Centre Singapore
on Tuesday 7th May 2019 (commencing at 1:30 p.m)**

Attendance:

Mr. Roy Teather - Convenor	DNVGL
Mr. Martin Cole	IECEX Vice Chairman / Hubbell
Mr. Ralph Wigg	E-x Solutions International Pty Ltd
Mr. Michael Slowinske	UL LLC
Mr. Chris Agius	IECEX Executive Secretary
Mr. Gunter Gabriel	Pepperl+Fuchs
Mr. Thierry Houeix	IECEX Treasurer / INERIS
Mr. Ulrich Jacobs	TUV SUD
Mr. Jasmin Omerovic	UL Int. Demko A/S
Mr. Ron Sinclair	SGS Baseefa
Dr. Jim Munro	JMIC
Dr. Thorsten Arnhold	IECEX Chairman / STAHL
Mr. Francesco Esposito	Engineering & Compliance/IMQ
Mr. Karel Neleman	BARTEC
Mr. Mike Roy	IECEX Secretariat
Dr. Frank Lienesch	PTB
Prof. Jianping Xu	IECEX Chairman ExTAG / NEPSI
Mr. Geoff Barnier	SIMTARs
Ms. Yulia Tikhonenko	NANIO CCVE
Mr. Mark Coppler	IEC TC31
Mr. Paul Meanwell	SANC
Mr. Giovanni H. Borges	Brazilian NC (HG Inspections)
Mr. Evans Massey	ABB Motors and Generators
Mr. Jukka Hannuksela	ABB Motors and Mechanical Inc.



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IN EXPLOSIVE ATMOSPHERES (IECEX System)**

Report + MEETING

Working Group WG5 – Quality System requirements of Ex Manufacturers

Held at IEC Asia – Pacific Regional Centre (IEC-APRC)
on Tuesday 7th May 2019
Held following the ExMC WG1 Meeting

IECEX ExMC WG5 – Quality System requirements of Ex Manufacturers

REPORT + AGENDA

SUBJECT	Discussion Leader
<p>1. OPENING OF THE <u>WORKING GROUP 5 MEETING</u> – Mr Roy Teather (to commence at the conclusion of ExMC WG1 meeting) Opening by the Convenor, self-introduction of the participants, and noting of apologies for absence.</p> <p><i>The Convenor opened the meeting at 1345pm following the ExMC WG1 meeting welcoming members.</i></p>	WG5 Convenor
<p>2. WG5 Terms of Reference and Membership Members to <u>confirm</u> WG5 Terms of Reference and Membership (as indicated on IECEx Website).</p> <p><i>The meeting reviewed and confirmed the current Terms of Reference without need for change</i></p> <p><i>Working Group 5 – preparation of quality management system requirements for manufacturers. Guidance for the assessment and auditing of quality management systems will be a further output of this WG. The Convenor of Working Group 5 will report back to the ExMC at the next IECEx annual meeting.</i></p>	WG5 Convenor
<p>3. APPROVAL OF THE AGENDA – Working Group 5 Members are asked to <u>consider</u> any other items not listed on the agenda and then approve this agenda.</p> <p><i>The meeting approved the agenda without change.</i></p>	WG5 Convenor
<p>4. Report / Discussion on Action Items Members to <u>report</u> to ExMC on Items from the Weimar 2018 ExMC WG5 Meeting: <u>Document for reference:</u> 2018 ExMC WG5 Meeting report in ExMC/1417/R</p>	WG5 Convenor

SUBJECT	Discussion Leader
<p>The meeting noted the ExMC determination of the report and recommendations of the WG5 last meeting noting that:</p> <ul style="list-style-type: none"> • The transition period for the new ISO/IEC 80079-34 is two years from publication • Withdrawal of OD 005-3 <p>The meeting noted the transition period by date should therefore be 31 August 2020.</p> <p>ACTION: A note has been inserted on the IECEx Website – OD 005-3 of the imminent withdrawal of this document and is NOT TO BE USED AFTER 31 AUGUST 2020 – AND REPLACED BY ISO/IEC 80079-34 ED.2.0. Note Action Completed</p> <p>The Convener gave a presentation on his experiences with the IECEx 02 Scheme and also highlighted various aspects of ATEX with the meeting noting some of the fundamentals of IECEx System such as</p> <ul style="list-style-type: none"> • It is a certification scheme according to Type 5 of ISO/IEC 17067 • Mutual recognition is a key aspect of IECEx • Transparency of information • Use of On-Line Certificate of conformity system • Perceived deficiencies in how an ExCB QAR may lack consistency with other ExCBs, noting some examples • Advantages were also presented of the IECEx system over ATEX system and whether there were some opportunities for the IECEx. <p>It was discussed the benefits of using some elements of the IECEx 02 Scheme that could be used by other CA Schemes, eg ATEX noting the current provision for recording Certificate numbers on the QAR summary that are not IECEx Certificates but for which the IECEx audit process is used to support the non-IECEx certification.</p>	
<p>5. Report / Discussion on Action Items from the 2018 ExMC Meeting in Cannes</p> <p>Members to <u>note</u> IECEx ExMC Decision 2018/38 and that no actions were assigned to WG5 in ExMC/1436/DL</p>	WG5 Convener
<p>6. ISO 9001 and ISO / IEC 80079-34</p> <p>Members to <u>note</u>:</p> <p><i>Decision 2018/38 (ExMC/1436/DL)</i> <i>The Meeting accepted the ExMC WG5 report contained in Document ExMC/1417/R and accepted ExMC WG5 Recommendation #1 as amended to read:</i></p> <ul style="list-style-type: none"> • <i>that New Edition 2.0 of ISO/IEC 80079-34 be applied immediately upon</i> 	WG5 Convener

SUBJECT	Discussion Leader
<p><i>publication with a maximum transition period from Ed 1.0 to 2.0 be no more than 2 year from date of publication of Ed 2.0.</i></p> <ul style="list-style-type: none"> <i>endorsed ExMC WG5 Recommendation #2 as amended to read In noting that Ed 2.0 of ISO/IEC 80079-34 will include information covered by OD 005-3 that ExMC approves the withdrawal of OD 005-3 at the completion of the Transition period to Ed 2.0 of ISO/IEC 80079-34.</i> <p>and plan any additional actions to enable this to be implemented eg. Advice to manufacturers and clients by CBs</p> <p>The meeting were reminded of the transition period in transitioning to Ed 2.0 of ISO/IEC 80079-34 and requested that the Secretariat include the transition date of 31 August 2020 on the IECEx website.</p>	
<p>ACTION: The meeting agreed for the Secretariat to include the transition date of 31 August 2020 prominently on the IECEx website. Note Action Completed</p>	
<p>7. Revision to IECEx Quality Assessment Report Form (F-001) Members <u>to note</u> the publication of Edition 3.0 of F-001 as per Decision 2018/38, and consider any further revisions to F-001.</p> <p>The meeting noted that Edition 3.1 has been issued to address an editorial correction. The meeting discussed use of the form with some questioning whether or not the checklist table under section 3 can be slightly modified to suit their own needs and concluded that there is sufficient flexibility to use the form by the various ExCBs but sought to have this clarified in the Notes to the Table in Section 3 and then recorded the following recommendation to ExMC.</p> <p>RECOMMENDATION 1: That ExMC approves the additional note to Section 3 of Document F001 QAR Report Form (to be Edition 3.2) to allow flexibility in using the Standard QAR Report Form.</p>	
<p>8. Revision of OD 208 Audit Checklist Ed. 01– (WG5) Members to <u>consider</u> any revisions needed to OD 208 to reflect ISO/IEC 80079-34 Ed 2.0 It was also recommended that a small group be formed to review and update OD 208. In discussion the recommendation the meeting accepted the offer from the Convenor to do this and review OD with the new Ed of part 34.</p> <p>ACTION: Roy Teather to review audit checklist OD 208 with the aim of aligning to F001</p>	
<p>9. Report that the IECEx Secretariat has published OD 250 Guidance on the Management of IECEx Quality Assessment Reports (QARs) (Ed. 1), to assist CBs with the management of QARs and the impact on CoCs</p>	

SUBJECT	Discussion Leader
<p>The meeting received a presentation from Mike Roy of the Secretariat concerning new OD 250 and requested that the Secretariat explore the use of video training material and possible use of recorded web based sessions such as webEx</p> <p>ACTION: Secretariat to review web based sessions as training material to assist the development and training of ExCBs.</p>	
<p>10. Revision of IECEX OD 026 Ed 3.0 Members <u>to discuss</u> if the current edition of IECEX OD 026 contains sufficient requirements regarding the level of relevant knowledge of auditors of manufacturers – for example is it acceptable that an expert in Ex ‘i’ audits a manufacturer of flame arrestors or that an expert in Ed ‘d’ audits a manufacturer of Ex ‘op’ equipment?</p> <p>The meeting noted the status of OD 026 and considered that at this point in time a review of the document is not required but agreed to revisit this next year.r.</p>	
<p>11. Other Business Nil</p>	WG5 Convenor
<p>12. Next Working Group 5 Meeting</p> <p>Next year in Shanghai with WG1</p>	WG5 Convenor
<p>13. Close of Working Group 5 Meeting</p> <p>Convenor declared the meeting closed at 4.05pm</p>	WG5 Convenor