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

**Title:** *Voting result on document* *ExMC/2084/DV Draft Revision of IECEx OD 290 future edition 2.0. This revision was drafted by ExMC WG19 at it's recent meeting in Singapore.*

***Circulated to: IECEx Management Committee, ExMC***

**INTRODUCTION**

This document contains a summary of the voting results on ExMC/2084/DV Draft Revision of IECEx OD 290 future edition 2.0. This revision was drafted by ExMC WG19 at it's recent meeting in Singapore.

Following consultation with the IECEx Chair and on the basis of the voting results, document ExMC/2084/DV is to proceed for publication incorporating the editorial changes as proposed in this report of voting. This will also be reported at the 2024 meeting of the IECEx Management Committee, ExMC.

**IECEx Secretariat**

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***Summary of voting results on ExMC/2084/DV Draft Revision of IECEX OD 290 future edition 2.0. This revision was drafted by ExMC WG19 at it's recent meeting in Singapore.***

***Circulation Date: 2024 08 17***

***Closing Date: 2024 08 30 Reminders: Yes***

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| --- | --- | --- |
| Country |  |  |
| AUSTRALIA | YES |  |
| BRAZIL | YES | SEE ANNEX A |
| CANADA | YES |  |
| CROATIA | YES |  |
| CZECH REPUBLIC | YES |  |
| DENMARK | ABSTAIN |  |
| FINLAND | ABSTAIN |  |
| FRANCE | YES |  |
| GERMANY | YES |  |
| GREECE | YES |  |
| HUNGARY | NR |  |
| INDIA | YES |  |
| ISLAMIC REPUBLIC OF IRAN | YES | SEE ANNEX A |
| ISRAEL | NR |  |
| ITALY | YES |  |
| JAPAN | YES |  |
| KINGDOM OF SAUDI ARABIA | ABSTAIN |  |
| MALAYSIA | NR |  |
| NETHERLANDS | YES |  |
| NEW ZEALAND | YES |  |
| NORWAY | YES |  |
| PEOPLES REPUBLIC OF CHINA | YES | SEE ANNEX A |
| POLAND | ABSTAIN |  |
| REPUBLIC OF KOREA | NR |  |
| ROMANIA | YES |  |
| RUSSIA | YES |  |
| SINGAPORE | ABSTAIN |  |
| SLOVENIA | YES |  |
| SOUTH AFRICA | YES |  |
| SPAIN | NR |  |
| SWEDEN | NR |  |
| SWITZERLAND | ABSTAIN |  |
| TURKEY | NR |  |
| UNITED ARAB EMIRATES | YES |  |
| UNITED KINGDOM | YES |  |
| UNITED STATES OF AMERICA | NO | SEE ANNEX A |

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| --- | --- |
| **Members Voting: 36****Members in favour: 22****No vote : 1****Abstain: 6****NR: 7** | **Final decision: Approved** |
| **Status on: 24 09 03** |

**Do you agree with the proposed changes to OD290 to be published as OD 290 edition 2.0?**

**Yes = In favour No = Against NR = Not returned Abstain**

**ANNEX A**

**BR**

1 Introduction 4th paragraph: IECEx HAS issued the following forms instead of have

2 References: The following DOCUMENTS are referenced instead of document.

**Secretariat response**

Editorial corrections are to be made in the final published version.

**IR**

1)Reference to clause A.2.14 , please be informed that in all Oil , Gas and Petrochemical plants and also any other industrial plants the abbreviation for Emergency Shutdown system is “ESD” system , not “ESS “ , so ESS shall be changed to ESD system accordingly.

Also we suggest that ESD system shall have inter-lock/inter-trip with ground system.

2) In clause A.5.9.1 , first paragraph , line 3 , we suggest to change “may’ to “shall”

**Secretariat response**

Use of the term ESS is coming from the ISO TC 197 committee and is expected to be reflected in the final ISO 19880-2 when published. It is recommended that this version of OD 290 retains this reference but this matter will be raised with ISO TC 197, noting that once the ISO 19880-2 is published then WG19 plan to immediately revise OD 290 and remove the current Annex A and replace this with a reference to ISO 19880-2.

**PRC**

1)Clause 2
¬Change “IECEx OD 17” to “IECEx OD 017”
¬Change “ExMC/271/CD” to “ExMC/271/INF”
2)Clause 9.2
¬Change “Ex ‘60079-46’ IIC T3 Gc” to “Ex 60079-46 IIC T3 Gb”
¬Delete “Meant for gaseous hydrogen fueling H70”
3)Figure B.1
¬Addition of a legend representing Zone 1 according to Annex A of IEC 60079-10-1.
4)replace "H2 " by H2, For example, Introduction, clause 7.2 d), 9.2, A.5.1
5)“Annex B” is not missing in the page 2 “Contents”.

**Secretariat response**

Editorial Corrections are to be made at the publication stage of the document.

**US**

The introduction "In support of this document" refers to a single ExTR blank, which is assumed to be the addendum for OD 290 when applying 60079-46; however, now there are ExTR blanks posted for ISO 17268, ISO 19880-3 and ISO 19880-5 which are normative standards that should to be referenced in OD 290. In addition, A.1 needs to reference ISO 17268, ISO 19880-3 and ISO 19880-5 as applicable Ex standards for assessing gaseous hydrogen dispensers as an assembly according to IEC TS 60079-46.

Clause 1, Scope, needs to be revised to remove "Other Annexes may be added to this document when other relevant standards are under development."

An exception was made to include standard requirements from the draft ISO 19880-2 document in Annex A of IECEx OD 290 due to the fact that there were already IECEx certified hydrogen dispensers. However, going forward, the IECEx needs to wait for published standards before offering certification services.

Since Operational Documents are not intended to be normative standards, as such is the responsibility of IEC TC 31, the attention of ExMC WG19 needs to focus on the push for ISO TC 197 to publish ISO 19880-2 for use with IEC 60079-46.

**Secretariat response**

The ExMC decision to issue OD 290, in its current form, as a unique situation in close collaboration with ISO TC 197 was previously discussed and well understood as an interim measure to ensure that IECEx Certification Bodies, ExCBs, adopt a harmonised approach in the application of IEC/TS 60079-46 with the view that OD 290 is immediately revised once ISO 19880-2 is finally published. The US support for this approach is appreciated. Equally the US concern for treating this approach as an exception rather than a rule is understood.

In this regard, IECEx ExMC WG19 is supportive in expediting the publication of ISO 19880-2, noting the on-going collaboration with ISO TC 197 and the membership of ISO TC 197 experts on IECEx WG19.

Regarding the remark of mandatory referencing of ISO 17268, ISO 19880-3 and ISO 19880-5, a review of the draft Revision for OD 290 has revealed that each of these standards are referenced in Annex A, a normative annex, noting that Annex A itself is referenced in Clause 7.2 item d). The removal of the final sentence in Clause 1 Scope “*Other Annexes may be*…” is to be removed from the final published version.