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

**EXPLOSIVE ATMOSPHERES (IECEx SYSTEM)**

**Title: ExTAG/606A/CD – Identification of Ancillary Devices and Marking Identification**

**Circulated to: ExTAG – IECEx Testing and Assessment Group**

**INTRODUCTION**

This document, *ExTAG/606A/CD* *Draft ExTAG Decision Sheet - Identification of Ancillary Devices and Marking Identification,* has been prepared, as requested by ExTAG Decision 2019/15, by an Adhoc Working Group convened by CNEX-Global B.V., NL, for consideration by ExTAG.

This revised version of the document was made to remedy the incorrect clause reference in the heading (8.7.1 instead of 29)

In accordance with OD 035 this document is issued for a six week comment period.

Please submit comments on this new Draft DS using the comments table, a separate document, by –

**2020 07 17**

to

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ExTAG Secretariat

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**COLLECTION OF IECEx / ExTAG DECISIONS**

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| **Standard:**  IEC 60079-0:2017 (Ed 7) | **Clauses:**  ~~8.7.1~~ 29 | Draft Decision Sheet: |
| **Subject:**  Identification of Ancillary Devices and Marking Identification    **Status of document:**  **Draft** | **Key words:**   * Marking * identification * ancillary devices | **Date: 2020 05 22**  **Originator of proposal:** ExTAG Adhoc WG02  **TC/SC involved:** |
| **Background:** Discussions among some ExCBs have revealed differences when identifying ancillary equipment and the associated protection method marking on IECEx Certificates. The intent of this draft ExTAG DS is to provide guidance on how to approach the identification and marking of ancillary equipment in IECEx certificates, especially for large equipment that include many separately certified ancillary devices.  Note that this ExTAG DS does not cover assemblies that are certified under IEC TS 60079-46.  **Basic principle:** The certificate shall allow a clear understanding of what equipment is covered by the certificate itself and what part(s) of the equipment is covered by separate certificates.  **Question 1, identification**:  How is ancillary equipment to be identified in an equipment certificate and in certification drawings?  **Answer**:  All ancillary equipment that is used in/with the certified equipment shall be identified by manufacturer and model on the equipment certificate and in the certification drawings.    On the front page of the IECEx certificate, the Type of Protection field either:  - shall list all types of protection that are applied in the equipment, including the types of protection used in the ancillary devices, or  - shall defer for the applicable Ex marking string to the body of the certificate.  The certificate shall list all possible Ex marking strings.  The equipment nameplate shall show the correct Ex marking string for that equipment.  **Question 2, marking**:  Which ancillary equipment is to be marked (in the equipment Ex marking string) in an equipment certificate and on the marking labels?  **Answer**:  Option a: The Ex marking string in an equipment certificate and on the marking plate for the equipment, needs to include the protection methods of any (Component or Equipment certified-) ancillary devices provided with the equipment.  Or  Option b: The Ex marking string in an equipment certificate and on the marking plate for the equipment, needs to include the protection methods of any Component certified (but not Equipment certified-) ancillary devices provided with the equipment.  Rationale for Option b:  The checking of the suitability of installed Components with the equipment in/on to which they are mounted, and validation of compliance with the Schedule of Limitations, must always be part of the evaluation of the complete equipment.  However, the similar checking of installed ancillary Equipment is limited to confirming that the method of installation does not defeat the protection of either the ancillary Equipment or the equipment in/on which they are mounted. | | |