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

**Title: Draft ExTAG Decision Sheet –** **Marking of Ex Components when intended for use only by their manufacturer**

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

**INTRODUCTION**

This document, ExTAG/700/CD, *Draft ExTAG Decision Sheet –* *Marking of Ex Components when intended for use only by their manufacturer* has been prepared by FM Approvals LLC (FMG) and is issued for consideration by ExTAG.

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 –

**2023 03 30**

to

[**Christine Kane**](mailto:christine.kane@iecex.com)

**ExTAG Secretariat**

|  |  |
| --- | --- |
| **Address:**  **IECEx Secretariat**  **Level 33, Australia Square**  **264 George Street**  **Sydney NSW 2000**  **Australia** | **Contact Details:**  **Tel: +61 2 4628 4690**  **Fax: +61 2 4627 5285**  **e-mail:** [**info@iecex.com**](mailto:info@iecex.com)  [**http://www.iecex.com**](http://www.iecex.com) |

**COLLECTION OF IECEx / ExTAG DECISION**

|  |  |  |
| --- | --- | --- |
| **Standard:**  IEC 60079-0:2017  (Edition 7.0) | **Clause: 29.10** | **Draft Decision Sheet:**  **ExTAG/700/CD** |
| **Subject:**  Marking of Ex Components when intended for use only by their manufacturer  **Status of document:**  **Draft** | **Key words:**   * Ex Component * Marking | **Date: 2023 02 13**  **Originator of original proposals:**  FMG  **Date: 2022**  **TC/SC involved:**  IEC/TC 31 WG22 |
| **Background**  There was a comment raised at TC31/WG22 during the initial development of IEC 60079‑0, Edition 8, regarding the requirement for marking of Ex Components that are intended for use only by their manufacturer, on Ex Equipment the manufacturer places on the market.  As a result of that comment, an additional paragraph was added to 29.10 clarify the applicability:  “The marking for any Ex Component may be omitted if the Ex Component manufacturer is intended to be the holder of an Ex Equipment certificate employing the Ex Component, and is indicated as such in the Schedule of Limitations of the Ex Component certificate.”  There are CBs today that permit the omission of marking in these unique situations, and some clarity and consistency is desirable prior to the publication of IEC 60079-0, Edition 8.  **Question:**  Is marking of an Ex Component always required?  **Answer:**  No.  Where an Ex Component manufacturer is intended to be the holder of an Ex Equipment certificate employing the Ex Component, marking is not required as the Ex Component is not intended to be placed on the market, but is solely for integration by the Ex Component manufacturer into their own Ex Equipment.  In this case, the marking section of the Certificate of Conformity should state:  “This Ex Component has no marking as it is not intended to be placed on the market, but is solely for integration by the Ex Component manufacturer into their own Ex Equipment.” | | |