Declaration of compliance

Model name: i-trap 150 EX LED

Equipment
Explosion-protected LED luminaire for flying insect control, named: the i-trap 150 EX LED

Manufacturer lamp module
Eaton – CEAG / Crouse-Hinds

Manufacturer Stainless steel casing & LED lamp technology
Alcochem Hygiene

Type / Variant lamp module
AB12220LED1EF2M

Certification
EC-Type Examination Certificate: **LOM 02ATEX2013 X**

ATEX Marking (nameplate)

- **II 2G Ex d IIB T6 Gb**
- **II 2D Ex tb IIIC T85 °C Db**

Area of Use

- **Gas atmospheres**: Zone 1 and Zone 2, gas group IIB
- **Dust atmospheres**: Zone 21 and Zone 22, dust group IIIC

Temperature Classification

- Gas: **T6**
- Dust: **Maximum surface temperature 85 °C**

Type of Protection

- Gas: Flameproof enclosure **Ex d**
- Dust: Protection by enclosure **Ex tb**

Special Conditions for Safe Use (X)
This equipment is certified with **special conditions ("X")**.
The following conditions from certificate **LOM 02ATEX2013 X** shall be complied with:

- The luminaire shall be installed using **ATEX-certified cable glands**, suitable for **Ex d / Ex tb**, maintaining the required IP rating.
- Installation shall be carried out strictly in accordance with the **manufacturer's installation instructions**.
- The **maximum ambient temperature (Tamb)** specified in the certificate and/or installation manual shall not be exceeded.

- **Modifications** to the enclosure, LED driver, or internal wiring are **not permitted**.
- **Protective earthing** shall be correctly and permanently connected.

Compliance Statement
The explosion-protected luminaire **AB12220LED1EF2M** is suitable for use in hazardous areas as specified above, provided that installation, operation, and maintenance are performed in accordance with:

- EC-Type Examination Certificate **LOM 02ATEX2013 X**
- Manufacturer documentation
- Applicable standards, including **EN/IEC 60079-0, EN/IEC 60079-1 and EN/IEC 60079-31**

Status
✓ ATEX compliant – approved for commissioning within the specified hazardous areas.

Made up by:

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