



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX BKI 22.0008X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2022-11-15

Applicant: **Vegyipari Tervező és Vállalkozó Zrt.**  
Kórház u. 6-12.  
Budapest H-1033  
**Hungary**

Equipment: **Explosion-proof LED luminaire type HUNLED-EX TUBE: 16W; 20W; 40W; 60W**

Optional accessory:

Type of Protection: **General requirements, Equipment protection by flameproof enclosures "d", Equipment dust ignition protection by enclosure "t"**

Marking: 16W:  
Ex db IIC T6 Gb  
Ex tb IIIC T85°C Db

20W, 40W, 60W:  
Ex db IIC T5 Gb  
Ex tb IIIC T100°C Db

Approved for issue on behalf of the IECEx  
Certification Body:

**Nagy Botond**

Position:

**Head of the Certification Body**

Signature:  
(for printed version)

Date:  
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**ExVA Ltd**  
**MIKOVINY S.u. 2-4**  
**BUDAPEST H 1037**  
**Hungary**





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Date of issue: 2022-11-15

Issue No: 0

Manufacturer: **Vegyipari Tervező és Vállalkozó Zrt.**  
Kórház u. 6-12.  
Budapest H-1033  
**Hungary**

Manufacturing  
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-1:2014-06](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

[IEC 60079-31:2022-01](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:3.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[HU/BKI/ExTR22.0009/00](#)

Quality Assessment Report:

[HU/BKI/QAR22.0001/00](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The members of the HUNLED-EX-TUBE lamp family are Zone 1 and Zone 21 certified explosion-proof luminaires. According to their design, the so-called "tube lamps", all the electrical components of which are housed in a polycarbonate tube. The closure of the polycarbonate pipe is ensured by metal end caps, while the proper tightness is guaranteed by a stamped rubber flat seal made of EPDM or NBR70 placed between the PC pipe and the end caps. Explosion protection method of the luminaire:

- For zone 1: flameproof enclosure ("db")
- In the case of Zone 21 classification: protection by enclosure ("tb").

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

**WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS!**