

(1) EU-TYPE EXAMINATION CERTIFICATE



(2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number

TÜV 19 ATEX 8473 U

Issue: 00

(4) Equipment: **Explosion-proof Empty Enclosure**

Type(s): EJB-I, EJB-II and EJB-III

(5) Manufacturer: **Sunleem Technology Incorporated Company**

(6) Address: **No.15 Xihenggang Street, Yangchenghu Town, Xiangcheng District, Suzhou, Jiangsu, China**

(7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The TÜV Rheinland Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26th February 2014, certifies this product which has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report GC/Ex8473.00/19

(9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN 60079-0:2018

EN 60079-1:2014

EN 60079-31:2014

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

(12) The marking of the equipment shall include the following:



**II 2 G Ex db IIB Gb
II 2 D Ex tb IIIC Db IP66**

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2020-04-08

Dipl.-Ing. He Mei



This EU-Type Examination Certificate without signature and stamp shall not be valid.
This EU-Type Examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the
TÜV Rheinland Industrie Service GmbH TÜV Rheinland Group Am Grauen Stein 51105 Köln
Tel. +49 (0) 221 806-0 Fax. + 49 (0) 221 806 114

(13) Annex

(14) **EU Type Examination Certificate**
TÜV 19 ATEX 8473 U Issue: 00

(15) Description of equipment

15.1 Equipment and type:

Explosion-proof Empty Enclosure
Type(s): EJB-I, EJB-II and EJB-III

15.2 Description

General product information

The empty enclosures of EJB series is made of aluminum ZL111 and ZL101A. The enclosure is constructed in type of explosion protection flameproof enclosure 'db' used in combustible gas IIB environment Zone 1 & zone 2, and combustible dust IIIC environment Zone 21 & Zone 22.

Environmental data

Service temperature: -60°C...+100°C

Degree of Protection: IP66

(16) Test-Report No. GC/Ex8473.00/19

(17) Schedule of limitations

1. Under explosive dust circumstances, the enclosure of this equipment may generate an ignition-capable level of electrostatic charge. Therefore, the equipment shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge on such surfaces. In addition, the equipment shall only be cleaned with a damp cloth.
2. The component is not allowed open any holes on the enclosure.
3. Oil-filled circuit-breakers and contactors shall not be used.

This EU Type Examination Certificate without signature and official stamp shall not be valid.
This certificate may be circulated without alteration. Extracts or alterations are subject to approval by:
Zertifizierungsstelle of TÜV Rheinland Industrie Service GmbH

4. Ambient temperature range -60°C to +60°C.
5. Indication that the Ex component enclosure manufacturer is intended to be the only holder of the related equipment certificate.
6. The content of the Ex component enclosure equipment may be placed in any arrangement, provided that an area of at least 20% of each cross-sectional area remains free to permit an unimpeded gas flow and, therefore, unrestricted development of an explosion. Separate relief areas may be aggregated provided that each area has a minimum dimension in any direction of 12,5 mm.

(18) Basic Safety and Health Requirements

Covered by afore mentioned standard

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2020-04-08

Dipl.-Ing. He Me



This EU Type Examination Certificate without signature and official stamp shall not be valid.
This certificate may be circulated without alteration. Extracts or alterations are subject to approval by:
Zertifizierungsstelle of TÜV Rheinland Industrie Service GmbH