



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

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEX TUR 19.0073U** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2020-04-08

Applicant: **Sunleem Technology Incorporated Company**
No.15, Xihenggang Street, Yangchenghu Town, Xiangcheng District, Suzhou, Jiangsu, 215138.
China

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

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Flameproof enclosures "db" and Equipment dust ignition protection by enclosure "tb"**

Marking: Ex db IIB Gb
Ex tb IIIC Db IP66

Approved for issue on behalf of the IECEx
Certification Body:

Dipl.-Ing. He Mei

Position:

Assigned certifier

Signature:
(for printed version)

He Mei

Date:

2020-04-08

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 or use of this QR Code.



Certificate issued by:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany





IECEX Certificate of Conformity

Certificate No.: **IECEX TUR 19.0073U**

Page 2 of 3

Date of issue: 2020-04-08

Issue No: 0

Manufacturer: **Sunleem Technology Incorporated Company**
No.15, Xihenggang Street, Yangchenghu Town
Xiangcheng District, Suzhou, Jiangsu
China. 215138
China

Additional
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 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

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:

[DE/TUR/EXTR19.0073/00](#)

Quality Assessment Report:

[DE/TUR/QAR18.0015/00](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX TUR 19.0073U**

Page 3 of 3

Date of issue: 2020-04-08

Issue No: 0

Ex Component(s) covered by this certificate is described below:

Explosion-proof Empty Enclosure

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

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 IIC environment Zone 21 & Zone 22.

Environmental data

1. Service temperature: -60°C...+100°C ;
2. Zone 1, Zone 2, Zone 21 and Zone 22;

For nomenclature and further details, see the instructions.

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.
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.