



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

### Ex COMPONENT CERTIFICATE

Certificate No.: IECEx EUT 18.0033U Issue No: 0 Certificate history:  
Issue No. 0 (2019-04-02)

Status: **Current** Page 1 of 3

Date of Issue: **2019-04-02**

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

Ex Component: **EBP-M series and EBP-NPT series**

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 "d", Increased safety "e", dust-tight enclosure "t"**

Marking:

Ex db IIC Gb

Ex eb IIC Gb

Ex tb IIIC Db

Approved for issue on behalf of the IECEx  
Certification Body:

Dionisio Bucchieri

Position:

Head of IECEx certification body

Signature:  
(for printed version)

Date:

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**Eurofins Product Testing Italy S.r.l.**  
Via Cuornè,  
n.21 - 10156 Torino  
Italy



Product Testing



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

Additional Manufacturing location(s):

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 Component 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 Ex Component 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2014-06</b> Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2013</b> Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
<b>IEC 60079-7 : 2015</b> Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

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

## TEST & ASSESSMENT REPORTS:

*A sample(s) of the Ex Component listed has successfully met the examination and test requirements as recorded in*

Test Report:

[IT/EUT/ExTR18.0035/00](#)

Quality Assessment Report:

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



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## Schedule

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

The Ex threaded stopping plugs EBP-M series and EBP-NPT series can be made of brass, nickel plated brass or stainless steel material (Q235, 304 or 316).

These Ex components are designed in order to close the unused threaded entries of enclosure having type of protection "db", "eb" and/or "tb".

For Ex threaded stopping plugs:

EBP-M series:

Thread sizes are from parallel type M16 to M75.

EBP-NPT series:

Thread sizes are from tapered NPT1/2" to NPT 3".

### SCHEDULE OF LIMITATIONS:

- The flameproof joints are not intended to be repaired.
- The operating temperature range for stopping plugs is  $-60^{\circ}\text{C} \sim +100^{\circ}\text{C}$ .
- The stopping plugs having ISO Metric thread shall be installed on a certified Ex Equipment forming a well-defined Ex equipment configuration with correspondingly dimensional flat gasket; during the evaluation of the equipment the stopping plug complete with gasket must be subjected to the type tests of the enclosures as defined in IEC 60079-0.
- The end-user needs to change the gasket each time that the Ex Component is removed from the enclosure on which it was mounted.

### Annex:

[Annex to CoC IECEX EUT 19.0033 U Issue N. 0.pdf](#)

**Annex to certificate: IECEx EUT 19.0033 U Issue N. 0 of 2019-04-02**

General product information:

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Thread sizes are from tapered NPT1/2” to NPT 3”.

**Model reference:**

CODE	PRODUCT FEATURES	Specification		Material
		Metric	NPT	
EBP	M series: METRIC TYPE THREAD	M16, M20, M25, M32, M40, M50, M63, M75	/	Stainless steel 304, 316, Q235/nickel-plated brass H62
EBP	NPT series: NPT TYPE THREAD	/	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3	Stainless steel 304, 316, Q235/nickel-plated brass H62