



[1]

EU-TYPE EXAMINATION CERTIFICATE

[2]

**Component intended for use in potentially explosive atmospheres
Directive 2014/34/EU ANNEX III**

[3]

Certificate Number: **EPT 19 ATEX 3170 U** issue 0

[4]

Component: **Explosion-proof stopping plugs**

Series:

EBP-M series and EBP-NPT series

[5]

Manufacturer: **Sunleem Technology Incorporated Company**

[6]

Address: No.15, Xihenggang Street, Yangchenghu Town, Xiangcheng District,
Suzhou, Jiangsu, China. 215138

[7]

This component and its accepted variations are specified in the annex to this Certificate.

[8]

Eurofins Product Testing Italy S.r.l., Notified Body n. 0477 in accordance with Article 21 of the Directive 2014/34/EU of the European Parliament and of the Council of 26th February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The examination and test results are recorded in the confidential Report N°EPT.19.REL.01/56985.

[9]

Compliance with the essential health and safety is assured through the verification of them and by compliance with the standard:

EN 60079-0:2012+A11:2013; EN 60079-1:2014; EN 60079-7:2015; EN 60079-31:2014


[10]

The symbol "U" placed after the certificate's number indicates that this certificate must not be understood as a certificate for equipment or protective systems. This certificate may be used as a basis for a certificate for the equipment or protective system.

[11]

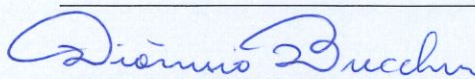
This EU -TYPE EXAMINATION CERTIFICATE relates only to the design, the exam and the tests of the specified component. Further requirements of the Directive 2014/34/EU apply to the manufacture and supply of this component. These requirements are not object of this Certificate.

[12]


The component shall include the sign  and the following string:

II 2 GD**Ex db IIC Gb****Ex eb IIC Gb****Ex tb IIIC Db**

Place and date of issue:

Torino, 2019-04-02

Dionisio Bucchieri
Directive Responsible



Paolo Trisoglio
Managing Director

**PRD N° 119B**

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This Certificate has 3 pages and it is reproducible only in its entirety. Conditions of validity are reported below.

[13]

ANNEX

[14]

EU-TYPE EXAMINATION CERTIFICATE N. EPT 19 ATEX 3170 U

issue 0


[15] **Component description**

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".

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

[16] **Assessment Report n°EPT.19.REL.01/56985**

This EU-Type Examination Certificate is released after the positive result of the conformity assessment of the Council Directive 2014/34/EU and to harmonized technical standards listed in this certificate performed by the Notified Body Eurofins Product Testing Italy S.r.l., and reported in the Assessment Report above cited.

[17] **Schedule of limitation**

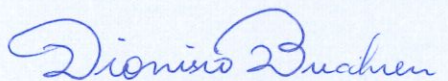
- The flameproof joints are not intended to be repaired.
- The operating temperature range for stopping plugs is -60°C ~ +100°C.
- The stopping plugs having ISO Metric thread shall be installed on a certified Ex Equipment forming a well-defined Ex equipment configuration with correspondingly dimensional 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 EN 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.

[18] **Essential Health and Safety Requirements**

Assured by compliance with harmonized standards.


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Page 2 of 3
2019-04-02

[13]

ANNEX

[14]

EU-TYPE EXAMINATION CERTIFICATE N. EPT 19 ATEX 3170 U

issue 0


[19] **Descriptive documents**

The component objects of this Certificate are described by the following documents.

Scheduled documents are indicated with the symbol "✓". They cannot be modified without the explicit authorization of the Notified Body.

Title	Drawing No.	Rev.	Date	Scheduled
EBP-M series explosion-proof stopping plug	8XLMW.932.002.1~8	A.01	2018.10.29	✓
EBP-NPT series explosion-proof stopping plug	8XLMW.932.003.1~8	A.01	2018.10.29	✓
EBP Stopping plug user guide	0XLMW.466.001	A.01	2018.11.10	✓

[20] **Terms and conditions**

The product liability rests with the Manufacturer, his representative or, in the absence of a representative, with the importer, in accordance with the General Product Safety Directive 2001/95/EC.

The following conditions may render this certificate invalid:

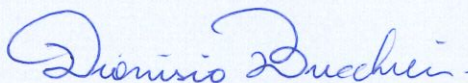
- changes in the design or construction of the product;
- changes or amendments to the Directive;
- changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the 2014/34/EU Directive.

[21] **History**

This certificate is at its first issue.


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Page 3 of 3
2019-04-02

End of Certificate