

[1]

**EU-TYPE EXAMINATION CERTIFICATE**

[2]

**Equipment intended for use in potentially explosive atmospheres  
Directive 2014/34/EU – Annex III**

[3]

Certificate Number: **EPT 14 ATEX 1124 X**

Issue 1

[4]

Equipment: **Explosion-proof seal bushings**

Series:

**BAG-□□□ Series**

[5]

Manufacturer: **WAROM TECHNOLOGY INCORPORATED COMPANY**

[6]

Address: **NO.555 BAOQIAN ROAD, JIADING DISTRICT, SHANGHAI, CHINA**

[7]

This equipment 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 equipment 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.16.REL.01/54973

[9]

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

**EN60079-0:2012+A11:2013; EN60079-1:2014; EN60079-7:2015; EN60079-31:2014**

[10]


If the sign "X" is placed after the Certificate number, it indicates that the equipment is subject to the special conditions for safe use specified in the annex to this Certificate.

[11]

This EU -TYPE EXAMINATION CERTIFICATE relates only to the design, the exam and the tests of the specified equipment.

Further requirements of the Directive 2014/34/EU apply to the manufacture and supply of this equipment. These requirements are not object of this Certificate.

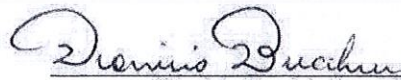
[12]

The equipment shall include the sign  and the following string:

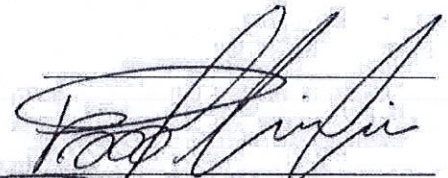
**II 2 GD****Ex db IIC Gb****Ex eb IIC Gb****Ex tb IIIC Db****-60°C ≤ Ta ≤ +75°C**

Place and date of issue:

Torino, 2016-12-13



Dionisio Bucchieri  
Directive Responsible



Paolo Trisoglio  
Managing Director

**SGQ N° 133A  
PRD N° 119B**

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC  
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This Certificate has 5 pages and it is reproducible only in its entirety. Conditions of validity are reported below.

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**ANNEX**

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**[15] Equipment description**

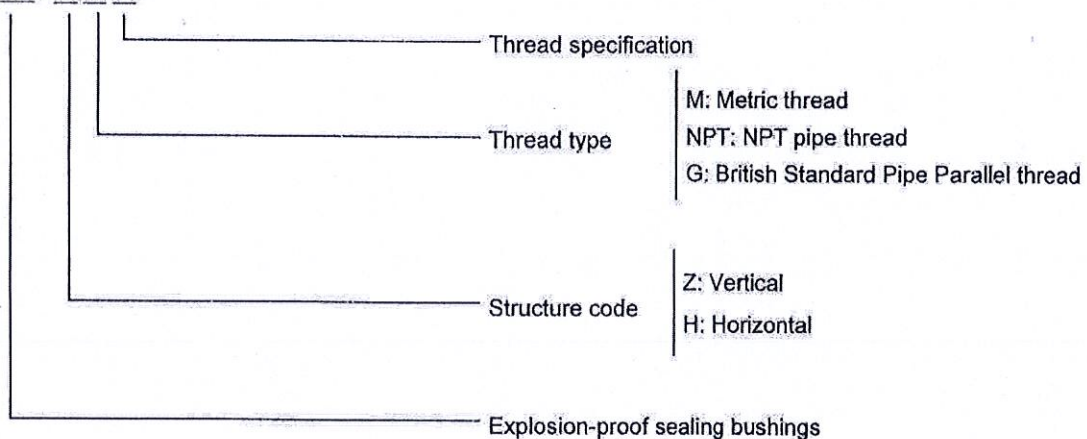
BAG Series Explosion-proof Seal bushings (hereinafter referred to as sealing device) are used into hazardous areas classified as Zone 1 & Zone 2, or Zone 21 and Zone 22. This sealing device is used to effectively isolate steel pipe and electrical equipment, and prevent explosive or dangerous gas from transmitting mutually between the internal steel pipe area and electrical equipment. This product is suitable for isolation between pipes, pipes and explosion-proof cavities, and explosion-proof cavities.

This product is comprised of BAG—Z series and BAG—H series. Main body is aluminum-casted or stainless steel and threaded-joints are used for connection. On-site gluing operation is required for conduit sealing with encapsulating compound.

The degree of protection of enclosure is IP66 according to EN 60079-0 and EN 60529.

**Catalogue Number Logic**

BAG - □ □ □


**Technical parameters**

- Metric thread: M20 x 1.5, M25 x 1.5, M32 x 1.5, M40 x 1.5, M50 x 1.5, M63 x 1.5 (Ex db, Ex eb and Ex tb)
- NPT thread: NPT1/2", NPT3/4", NPT1", NPT1 1/4", NPT1 1/2", NPT2" (Ex db, Ex eb and Ex tb)
- G thread: G1/2", G3/4", G1", G1 1/4", G1 1/2", G2" (Ex eb and Ex tb only)

**Warning label**

None

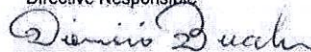
**Routine tests**

None


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## ANNEX

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### EU-TYPE EXAMINATION CERTIFICATE N. EPT 14 ATEX 1124 X

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[16] **Assessment Report n° EPT.16.REL.01/54973**

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] **Special condition for a safe use**

Thread type G1/2", G3/4", G1", G1 1/4", G1 1/2", G2" can only be applied for Ex eb IIC Gb, Ex tb IIIC Db

On-site gluing operation is required for conduit sealing with encapsulating compound, end-users should consult the instruction when gluing.

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

Assured by compliance with harmonized standards.

[19] **Descriptive documents**

The equipment 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
Drawing list	3HRW 000 003.1~6 TM	01	15/07/2016	✓
BAG-H Series parts and pack units list	3HRW 000 003.1~6 MX	01	15/07/2016	✓
BAG-Z Series parts and pack units list	3HRW 000 005.1~6 MX	01	15/07/2016	✓
BAG-H Series Explosion-proof Seal Bushings general assembly	3HRW 000 003.1~6	01	15/07/2016	✓
BAG-Z Series Explosion-proof Seal Bushings general assembly	3HRW 000 005.1~3 3HRW 000 005.4~6	01	15/07/2016	✓
Body of BAG-H series	3HRW 020 010 3HRW 020 011 3HRW 020 012 3HRW 020 013 3HRW 020 014 3HRW 020 015	01	15/07/2016	✓
Body of BAG-Z series	3HRW 020 001 3HRW 020 002 3HRW 020 003 3HRW 020 004 3HRW 020 005 3HRW 020 006	01	15/07/2016	✓
Nameplate	4HRW 110 008	01	15/07/2016	✓

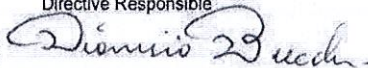
**ACCREDIA**

LENTI ITALIANO DI ACCREDITAMENTO

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Bend Connector (G1 1/4")	8HR 177 094	01	15/07/2016	✓
Bend Connector (G1 1/2")	8HR 177 095	01	15/07/2016	✓
Plug	8HR 178 003	01	15/07/2016	✓
	8HR 178 004			
	8HR 178 005			
	8HR 178 006			
	8HR 178 007			
Illustration about the certification of BAG series explosion-proof seal bushings for modification of applicable standards, changing ambient temperature and extension of dimensions of thread	OHRW 110 469	01	15/07/2016	✓
Instructions of BAG Series Explosion-proof Seal Bushings	OHRW 110 470	01	15/07/2016	✓

**ACCREDIA**

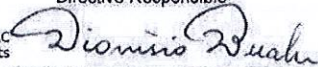
LENTE ITALIANO DI ACCREDITAMENTO

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[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.

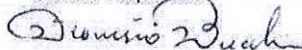
[21] **History**

Issue	Description	Issue date
0	Frist emission	2014-03-11
1	Product update, reference standards and directive update	2016-12-13



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End of Certificate

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