



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000414

Applicant Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Address S.S Bakir Piring Sanayi Sitesi Leylak Caddesi no:16 TR - 34524
Beylikdüzü – Istanbul,Turkey
Manufacturer Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Address S.S Bakir Piring Sanayi Sitesi Leylak Caddesi no:16 TR - 34524
Beylikdüzü – Istanbul,Turkey
Production Factory Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Production Address S.S Bakir Piring Sanayi Sitesi Leylak Caddesi no:16 TR - 34524
Beylikdüzü – Istanbul,Turkey
Product Stopping plugs
Model/Type B-TSxxxxx, MB-TSxxxxx, NB-TSxxxxx
Ex marking Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC Db
Reference Standards GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021,
GB/T 3836.31-2021

Certification mode Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (4 pages).

Initial issue date: 2021-07-06

Issued date: 2023-04-22

Valid to: 2026-07-05

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:



Nanyang Explosion Protected Electrical
Apparatus Research Institute Co.,Ltd.



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CN 0001932



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

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Product information:

1. This certificate covers the following models:

- B-TSxxxxx, MB-TSxxxxx, NB-TSxxxxx.

The male Plugs series B-TSxxxxx, MB-TSxxxxx and NB-TSxxxxx are suitable for closing female hubs or unused openings on Ex db pipes or Ex db, Ex eb and Ex tb enclosures.

See the following table for detailed type designation:

XXXX XX X X X
1 2 3 4 5

1	B-TS: male plug with cylindrical or tapered thread. MB-TS: ISO Metric threaded male plug NB-TS: NPT threaded male plug (assessed for Ex eb, Ex tb execution only)
2	Size of male Plug thread (see the size codes and standard thread types of male Plugs)
3	Pitch (for Metric thread only) - Blank: 1.5mm pitch - 2: 2.0mm pitch (for size equal or greater than M60)
4	Type of thread (Male): - N: NPT - P: PG (assessed for Ex eb type of protection only) - M: Metric pitch 1.5
5	Construction material: - B: brass - BN: nickel-plated brass - X: stainless steel - Z: galvanized carbon steel

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The size codes and standard thread types of male Plugs are listed on the following Table:

Male Plugs thread size	NPT	Metric		PG
	Thread type	Pitch 1.5	Pitch 2.0	Thread type
01	3/8"	16	-	-
1	1/2"	20	-	7
2	3/4"	25	-	9
3	1"	32	-	11
4	1 1/4"	40	-	13.5
5	1 1/2"	50	-	16
60	-	60	60	-
6	2"	63	63	21
70	-	70	70	-
7	2 1/2"	75	75	29
80	-	80	80	-
85	-	85	85	-
8	3"	90	90	36
9	3 1/2"	100	100	42
10	4"	110	110	48

- The male Plugs series B-TSxxxxx, MB-TSxxxxx and NB-TSxxxxx are suitable for closing female hubs or unused openings on Ex db pipes or Ex db, Ex eb and Ex tb enclosures. Attachment of the male plugs to an enclosure is by means of the male threaded portion on the male body.
- The series of available plugs are:
 B-TSxxxxx – they are used to close a female hub with cylindrical threads or tapered threads.

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MB-TSxxxxx – they are used to close a female hub with ISO Metric threads only.

NB-TSxxxxx – they are used to close a female hub with NPT tapered threads and
Ex eb or Ex tb execution only.

Ingress protection: IP 66 / IP 68 (50 m for 30 min.)

Ex marking: Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC Db

- Producers should organize production in accordance with the technical documents approved by the certification body.

2. Specific conditions of safety use:

- The coupling of the plugs with the enclosures shall be made as indicated by the instruction in order to respect the type of protection of the electrical apparatus on which the plugs are mounted.

- The plugs shall be mounted at the electrical apparatus in such a way that accidental rotation and loosening will be prevented.

- The plugs shall be installed in such a way that the temperature at the mounting point will remain within the following service temperature ranges:

- -40°C to +100°C for Plugs with Chloroprene O-rings;
- -60°C to +130°C for Plugs with Silicon O-rings and flat washers;
- -40°C to +80°C for Plugs with Chloroprene or Fiber flat washers;
- Restricted use up to -20°C for Plugs made of galvanized carbon steel.

- The degree of protection IP66/68 will be guaranteed for the plugs if the holes into which plugs are mounted are suitably sealed. To this scope the correct positioning of the gaskets (for cylindrical threads) or the application of sealant on the threads (for tapered threads), shall be done as indicated in the manufacturer instruction.

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- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2105C105, CQST2105C105/01

- Factory inspection report: CN2021Q010125

4. Certificate change information:

- 1st change on April 22, 2023: Updated the standards for certification.

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