



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000415

**Applicant** Bimed Teknik Aletler Sanayi Ve Ticaret A.S.  
**Address** S.S Bakir Piriç Sanayi Sitesi Leylak Caddesi no:16 TR - 34524  
Beylikdüzü – Istanbul, Turkey  
**Manufacturer** Bimed Teknik Aletler Sanayi Ve Ticaret A.S.  
**Address** S.S Bakir Piriç 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 Piriç Sanayi Sitesi Leylak Caddesi no:16 TR - 34524  
Beylikdüzü – Istanbul, Turkey  
**Product** Stopping plugs  
**Model/Type** Tx-xx-x, HITx-xx-x  
**Ex marking** Ex e IIC Gb, Ex tD A21 IP66/68  
**Reference Standards** GB3836.1-2010, GB3836.3-2010, GB12476.1-2013,  
GB12476.5-2013

**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 CNEC-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (5 pages).

Issued on: 2021-07-06

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 0000745



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**Product information:**

1. This certificate covers the following models:

- Tx-xx-x, HITx-xx-x

Plugs series Tx-xx-x and HITx-xx-x are used to close unused cable entry of an enclosure.

See the following table for detailed type designation:

|            |   |   |   |   |   |   |
|------------|---|---|---|---|---|---|
| <u>I</u>   | x | - | x | x | - | x |
| <u>HIT</u> | x | - | x | x | - | x |
|            | 1 | - | 2 | 3 | - | 4 |

|   |  |
|---|--|
| 1 | Thread type:<br>- N: NPT<br>- P: Metric, pitch 1.5<br>- B: PG  |
| 2 | Size and dimensions (see table below).   |
| 3 | Flat washer material:<br>Blank: None<br>C: Chloroprene washer<br>S: Silicone washer<br>WF: Fiber washer<br>WE: EPDM Washer<br>WN: NBR washer                       |
| 4 | O-ring material:<br>Blank: None<br>OC: Chloroprene O-ring<br>OS: Silicone O-ring<br>OE: EPDM O-ring<br>Note: O-ring or flat washer must be always fitted with plug |

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

| Model    | Size | Torque value [Nm] | Model    | Size       | Torque value [Nm] | Model   | Size   | Torque value [Nm] | Mechanical risk |
|----------|------|-------------------|----------|------------|-------------------|---------|--------|-------------------|-----------------|
| TP-X02   | M12  | 1.5               | TN-X02   | NPT1/4"    | 1.5               | -       | -      | -                 | Low<br>(4J)     |
| TP-X01   | M16  | 1.5               | -        | -          | -                 | -       | -      | -                 |                 |
| TP-X01L  | M16  | 1.5               | -        | -          | -                 | -       | -      | -                 |                 |
| TP-X01HL | M16  | 1.5               | TN-X01HL | NPT 3/8"   | 1.5               | -       | -      | -                 |                 |
| HITP-X1  | M20  | 2                 | -        | -          | -                 | TB-X1   | PG7    | 1.5               |                 |
| TP-X1L   | M20  | 2                 | -        | -          | -                 | -       | -      | -                 |                 |
| TP-X1HL  | M20  | 2                 | TN-X1HL  | NPT 1/2"   | 2                 | -       | -      | -                 |                 |
| TP-X2    | M25  | 2.5               | -        | -          | -                 | TB-X2   | PG9    | 1.5               |                 |
| -        | -    | -                 | -        | -          | -                 | TB-X2L  | PG9    | 1.5               |                 |
| TP-X2HL  | -    | 2.5               | TN-X2HL  | -          | 2.5               | TB-X2HL | PG9    | 1.5               |                 |
| TP-X3    | M32  | 4                 | TN-X3    | NPT 1"     | 4                 | TB-X3   | PG11   | 1.5               |                 |
| TP-X4    | M40  | 6                 | TN-X4    | NPT 1-1/4" | 6                 | TB-X4   | PG13.5 | 2                 |                 |
| -        | -    | -                 | -        | -          | -                 | TB-X4L  | PG13.5 | 2                 |                 |
| -        | -    | -                 | -        | -          | -                 | TB-X4HL | PG13.5 | 2                 |                 |
| TP-X5    | M50  | 8                 | TN-X5    | NPT 1-1/2" | 8                 | TB-X5   | PG16   | 2                 |                 |
| TP-X6    | M63  | 10                | TN-X6    | NPT 2"     | 10                | TB-X6   | PG21   | 2.5               |                 |
| -        | -    | -                 | -        | -          | -                 | TB-X6HL | PG21   | 2.5               |                 |
| -        | -    | -                 | -        | -          | -                 | TB-X7   | PG29   | 4                 |                 |
| -        | -    | -                 | -        | -          | -                 | TB-X8   | PG36   | 6                 |                 |

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|   |   |   |   |   |   |        |      |    |
|---|---|---|---|---|---|--------|------|----|
| - | - | - | - | - | - | TB-X9  | PG42 | 8  |
| - | - | - | - | - | - | TB-X10 | PG48 | 10 |

| Model       | Size | Torque value [Nm] | Model       | Size       | Torque value [Nm] | Model     | Size   | Torque value [Nm] | Mechanical risk |
|-------------|------|-------------------|-------------|------------|-------------------|-----------|--------|-------------------|-----------------|
| HITP-X02    | M12  | 1.5               | HITN-X02    | NPT 1/4"   | 1.5               | HITB-X1   | PG7    | 1.5               | High(7<br>J)    |
| HITP-X01    | M16  | 1.5               | -           | -          | -                 | HITB-X2   | PG9    | 1.5               |                 |
| HITP-X01L   | M16  | 1.5               | -           | -          | -                 | HITB-X2L  | PG9    | 1.5               |                 |
| HITP-X01 HL | M16  | 1.5               | HITN-X01 HL | NPT 3/8"   | 1.5               | HITB-X2HL | PG9    | 1.5               |                 |
| HITP-X1     | M20  | 2                 | -           | -          | -                 | HITB-X3   | PG11   | 1.5               |                 |
| HITP-X1L    | M20  | 2                 | -           | -          | -                 | HITB-X4   | PG13.5 | 2                 |                 |
| HITP-X1H L  | M20  | 2                 | HITN-X1 HL  | NPT 1/2"   | 2                 | HITB-X4L  | PG13.5 | 2                 |                 |
| HITP-X2     | M25  | 2.5               | -           | -          | -                 | HITB-X4HL | PG13/5 | 2                 |                 |
| HITP-X2H L  | M25  | 2.5               | HITN-X2 HL  | NPT 3/4"   | 2.5               | HITB-X5   | PG16   | 2                 |                 |
| HITP-X3     | M32  | 4                 | HITN-X3     | NPT 1"     | 4                 | HITB-X6   | PG21   | 2.5               |                 |
| HITP-X4     | M40  | 6                 | HITN-X4     | NPT 1-1/4" | 6                 | HITB-X6HL | PG21   | 2.5               |                 |
| HITP-X5     | M50  | 8                 | HITN-X5     | NPT 1-1/2" | 8                 | HITB-X7   | PG29   | 4                 |                 |
| HITP-X6     | M63  | 10                | HITN-X6     | NPT 2"     | 10                | HITB-X8   | PG36   | 6                 |                 |
| -           | -    | -                 | -           | -          | -                 | HITB-X9   | PG42   | 8                 |                 |
| -           | -    | -                 | -           | -          | -                 | HITB-X10  | PG48   | 10                |                 |

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Ex marking: Ex e IIC Gb, Ex tD A21 IP66/68

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

2. Specific conditions of safety use:

- The Plugs shall be used where a protection against risk of mechanical damage is provided, when they are suitable for low mechanical risk (4J) only.
- The plugs shall be installed in such a way that the temperature at the mounting point will remain within the following service temperature ranges:

| Series    | Service temperature | Flat washer materials  | OR materials  | Mechanical risk |
|-----------|---------------------|--|---|-----------------|
| Tx-xx-x   | -40~+80°C           | chloroprene(neoprene)<br>silicone<br>KLINGERSIL C-4400<br>EPDM rubber, NBR | chloroprene(neoprene)<br>silicone EPDM<br>rubber, NBR | Low (4J)        |
| HITx-xx-x | -30~+70°C           | NBR  | NBR   | High (7J)       |
|           | -40~+70°C           | chloroprene(neoprene)<br>EPDM rubber                                       | chloroprene(neoprene)<br>EPDM rubber                  |                 |
|           | -60~+70°C           | silicone   | silicone  |                 |
|           | -60~+70°C           | KLINGERSIL C-4400  | -   |                 |

- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2105C104
- Factory inspection report: CN2021Q010125

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4. Certificate change information: None

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