



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000374

**Applicant** Peppers Cable Glands Limited  
**Address** Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom  
**Manufacturer** Peppers Cable Glands Limited  
**Address** Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom  
**Production Factory** Peppers Cable Glands Limited  
**Production Address** Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom  
**Product** Non-metallic stopping plugs  
**Model/Type** SPMH\*NE\*  
**Ex marking** Ex eb IIC Gb, Ex ta IIIC Da  
**Reference Standards** GB/T 3836.1-2021, 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: 2021-05-17

Issued date: 2023-04-28

Valid to: 2026-05-16

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.



<http://www.ccc-cnex.com>  
[ccc.china-ex.com](http://ccc.china-ex.com)

Add: No. 20, North Zhongjing Road, Nanyang, Henan, P. R. China  
Tel: 0377-63239734

P.C.: 473008  
Email: [ccc@cn-ex.com](mailto:ccc@cn-ex.com)

CN 0001764





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000374

Page 1 of 4

## Product information:

1. This certificate covers the following models:

- SPMH\*NE\*

The products are manufactured with the following thread form options:

ISO Metric: M12x1.5 / M16x1.5 / M20x1.5 / M25x1.5 / M32x1.5 / M40x1.5 / M50x1.5 / M63x1.5 / M75x1.5

NPT: 3/8" , 1/2" , 3/4" , 1" , 1 1/4" , 1 1/2" , 2" , 2 1/2"

The stopping plugs are provided with O-ring seals fitted to male thread forms. The following materials are made available to suit the application:

- Nitrile O-ring
- Neoprene O-ring
- Silicone O-ring
- Fluorosilicone O-ring
- Viton O-ring
- EPDM O-ring

When installed in unthreaded clearance holes, the stopping plugs shall be secured with an appropriate locknut and installed in accordance with the manufacturer's instructions.

The stopping plugs, with parallel threads and fitted with sealing rings, when installed in accordance with the manufacturer's instructions, are capable of providing, with an enclosure on which they are fixed, an ingress protection rating of IP66 / IP68 to 100 metres for 7 days.

Issued date: 2023-04-28

Director:



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







# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000374

Page 2 of 4

The stopping plugs, fitted with sealing rings and installed in clearance holes, when installed in accordance with the manufacturer's instructions, are capable of providing, with an enclosure on which they are fixed, an ingress protection rating of IP66 / IP68 to 100 metres for 7 days.

Material of manufacture and marking:

The product type reference is derived from the following options:

A-B-C-D-E

A Product Type

SPMH = Mushroom head stopping plug

B IP Seal code

1 = Nitrile O-ring (-25°C to +100°C)

2 = Neoprene O-ring (-25°C to +90°C)

3 = Silicone O-ring (-25°C to +130°C)

4 = Fluorosilicone O-ring (-25°C to +130°C)

5 = Viton O-ring (-20°C to +130°C)

6 = EPDM O-ring (-25°C to +110°C)

C Material of manufacture

N = Nylon

D Certification order code

E = Ex eb, Ex ta

E Thread Size

Issued date: 2023-04-28

Director:



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







# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

## (Annex)

No.: 2021312313000374

Page 3 of 4

Metric = M12 / M16 / M20 / M25 / M32 / M40 / M50 / M63 / M75

NPT = 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2"

Ex marking: Ex eb IIC Gb, Ex ta IIIC Da

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

### 2. Specific conditions of safety use:

- Where SPMH\*NE\* stopping plugs are installed in protection by enclosure (Ex tD) equipment for use in explosive dust atmospheres providing threaded entries, only parallel threads may be used.
- Where SPMH\*NE\* stopping plugs are installed in protection by enclosure (Ex tD) equipment for use in explosive dust atmospheres providing plain entries, they shall be fitted with a sealing ring and secured with a locknut.
- The SPMH\*NE\* stopping plugs are suitable for use within a maximum operating temperature range of up to -25°C to +130°C. When fitted with seals the service temperature limitations in the description apply.
- When fitted in plain entries, they shall have a diameter no greater than 0.7 mm larger than the major diameter of the SPMH\*NE\* stopping plug thread. The plug shall be held in position within the plain entry with a suitable locknut.
- For sizes M50, M63, M75, 1 1/2", 2" and 2 1/2" – Under certain extreme circumstances, exposed stopping plugs may store an ignition-capable level of electrostatic charge. Therefore, the user/installer shall implement precautions to prevent the build-up of electrostatic charge, e.g. locate the equipment where a charge-generating mechanism (such as wind-blown dust) is unlikely to be present and clean with a damp cloth.
- The SPMH\*NE\* stopping plugs of sizes M12, M16 and 3/8" are only suitable for use in areas of low risk of mechanical impact.

Issued date: 2023-04-28

Director:



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







# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000374

Page 4 of 4

- See instruction for other information.
- 3. Certificate related report(s):
  - Type test report: CQST2102C001, CQST2102C001/01
  - Factory inspection report: CN2021Q010178
- 4. Certificate change information:
  - 1st change on April 28, 2023: Updated the standards for certification.

Issued date: 2023-04-28

Director:



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



<http://www.ccc-cnex.com>  
[ccc.china-ex.com](http://ccc.china-ex.com)

Add: No. 20, North Zhongjing Road, Nanyang, Henan, P. R. China P.C.: 473008  
Tel: 0377-63239734

Email: [ccc@cn-ex.com](mailto:ccc@cn-ex.com)