



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2020312313000308

Applicant Hawke International (A Division of Hubbell Limited, A member of the Hubbell group of Companies)

Address Oxford Street West, Ashton-Under-Lyne, Lancashire, OL7 0NA, UK

Manufacturer Hawke International (A Division of Hubbell Limited, A member of the Hubbell group of Companies)

Address Oxford Street West, Ashton-Under-Lyne, Lancashire, OL7 0NA, UK

Production Factory Hawke International (A Division of Hubbell Limited, A member of the Hubbell group of Companies)

Production Address Oxford Street West, Ashton-Under-Lyne, Lancashire, OL7 0NA, UK

Product Adaptors and Reducers

Model/Type 476A, 476R

Ex marking Ex db I Mb, Ex eb I Mb, 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 (3 pages).

Initial issue date: 2021-01-28

Issued date: 2023-04-29

Valid to: 2026-01-27

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 0001850



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(Annex)

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Product information:

1. This certificate covers the following models:

-476A, 476R

See the following table for detailed specification:

Thread type	Thread specification	Pitch(mm)	Thread type	Thread specification
M	M16	1.5	NPT	3/8"
	M20	1.5		1/2"
	M25	1.5		3/4"
	M32	1.5		1"
	M40	1.5		1 1/4"
	M50	1.5		1 1/2"
	M63	1.5		1 3/4"
	M75	1.5		2"
	M80	1.5/2.0		2 1/2"
	M90	1.5/2.0		3"
	M100	1.5/2.0		3 1/2"
	M110	1.5/2.0		4"
	M115	1.5/2.0		5"
	M130	1.5/2.0		6"

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The service temperatures for the adapters and reducers are:

No O ring: -60°C to +200°C

Nitrile O ring: -60°C to + 80°C

Silicone O ring: -60°C to +160°C

IP degree: IP66.

When Adaptors and Reducers is manufactured in brass, steel, stainless steel or aluminium:

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

When Adaptors and Reducers is manufactured in brass, steel, stainless steel:

Ex marking: Ex db I Mb, Ex eb I Mb, 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:

- When the adaptors and reducers are used for increased safety or dust protection with no O-Ring fitted the interface between the enclosure and the male thread and the female thread of the adaptor or reducer are to be suitably sealed to maintain the ingress protection rating of the associated enclosure.

- When the adaptors or reducers are used for increased safety or dust protection in threaded hole and the O-Ring is fitted the entry thread in the enclosure must be at right angles to the enclosure wall, the female thread of the adaptor or reducer are to be suitably sealed to maintain the ingress protection rating of the associated enclosure.

- When the adaptors or reducers are used for increased safety or dust protection in a plain hole, the hole in the enclosure must be no greater than 0.7 mm greater than the male thread and the adaptor or reducer must be secured with a locknut the female thread of the adaptor or reducer are to be suitably sealed to maintain the ingress protection rating of the associated enclosure.

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- The adaptors or reducers when used in flameproof applications must not be closed with a flameproof stopping plug.
 - Anti-seize spray shall be applied to the adaptors and reducers manufactured from aluminium.
 - See instruction for other information.
3. Certificate related report(s):
- Type test report: CQST2010C057, CQST2010C057/01
 - Factory inspection report: CN2023Q030133
4. Certificate change information:
- 1st change on April 29, 2023: Updated the standards for certification.

Issued date: 2023-04-29

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