




UK-TYPE EXAMINATION CERTIFICATE

- 1
- 2 **Component Intended for use on/in a Product or Protective System Intended for use in Potentially Explosive Atmospheres**
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1
- 3 UK-Type Examination Certificate Number: **BAS21UKEX0055U**
- 4 Product: **494, 495, 496 Range of Elbow Adapters**
- 5 Manufacturer: **Hawke International**
- 6 Address: **A Division of Hubbell Limited, A Member of the Hubbell Group of Companies, Oxford Street West, Ashton-under-Lyne, Lancashire, OL7 0NA**
- 7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8 SGS Baseefa, Approved Body number 1180, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.
- The examination and test results are recorded in confidential Report No. **21(C)0033**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0: 2012: +A11: 2013 EN 60079-1: 2014 EN IEC 60079-7: 2015: +A1: 2018 EN 60079-31: 2014
except in respect of those requirements listed at item 18 of the Schedule.
- 10 The sign “U” is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as the basis for certification of an equipment or protective system.
- 11 This UK-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- 12 The marking of the product shall include the following:
-  **II 2G Ex db IIC Gb**  **II 2G Ex eb IIC Gb**
-  **II 2D Ex tb IIIC Db**
- SGS Baseefa Customer Reference No. **0500** Project File No. **21/0033**

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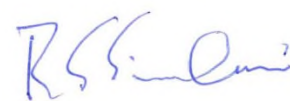
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R S SINCLAIR
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

14

Certificate Number BAS21UKEX0055U

15 Description of Product

The Range of elbow adapters comprising of any of the following sizes and thread types:

494 – Male to Female
495 – Male to Male
496 – Female to Female

Male and Female metric thread in the following sizes; M20, M25, M32, M40, M50, M63, M75
Male and Female imperial conduit in the following sizes; 5/8", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2"
Male and Female Pg in the following sizes; Pg.11, Pg.13.5, Pg.16, Pg.21, Pg.29, Pg.36, Pg.42
Male and Female BSPP in the following sizes; 1/2", 3/4", 1", 1 1/4", 1 1/2", 1 3/4", 2"
Male and Female NPSM in the following sizes; 1/2", 3/4", 1", 1 1/4", 1 1/2", 1 3/4", 2"
Male and Female NPT; 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"

The material of construction is either self-coloured or nickel-plated brass, or Stainless Steel.

IP66 rated, only when suitable washers/o-rings are fitted, as provided by Hawke International.

16 Report Number

21(C)0033

17 Schedule of Limitations

1. The fittings are components and when used with flameproof enclosures they must be assessed as part of the flameproof equipment. Unless further testing is conducted, the maximum reference pressure for the enclosure to which they are fitted must not exceed 30 bar.
2. Only one elbow may be used between the enclosure and the cable entry device.
3. When used with increased safety and or dust protected enclosures the threads must be sealed to provide the relevant ingress protection.
4. Where elbows are fitted to enclosures with plain holes the hole size must be no greater than 0.2mm bigger in diameter than the metric parallel thread.
5. Elbow adapters must be installed in accordance with EN 60079-14 and with the relevant protection concept.
6. If used with locknuts in flameproof applications it must be ensured that there are 5 full threads engaged and 8mm axial engagement between the enclosure and the elbow prior to the tightening of the locking nut.
7. Where NPT male fittings are used these must be installed such that the NPT male thread is fully wrenched tightened into the equipment.

18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
1.2.7	LVD type requirements
1.4.1	External effects
1.4.2	Aggressive substances

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
494	1 of 1	D	12/05/21	90° Elbow Male to Female
495	1 of 1	D	12/05/21	90° Elbow Male to Male
496	1 of 1	D	12/05/21	90° Elbow Female to Female

Baseefa14ATEX0014U
IECEX BAS 14.0002U