1 **UNITED KINGDOM CONFORMITY CERTIFICATE**

UK TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres UKSI 2016:1107 (as amended) – Schedule 3A, Part 1**

3 Certificate Number: **Sira 21UKEX1021U** Issue: **2**

4 Component: **Type AFA33A Air Filled Straight Adaptor**

5 Manufacturer: **Victor Products Ltd**

6 Address: Unit 3A
Tyne Dock East Side
Port of Tyne
South Shields
Tyne & Wear
NE33 5SQ

7 This product and any acceptable variation thereto, is specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Testing UK Limited, Approved Body number 0518, in accordance with Regulation 42 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 the confidential reports listed in item 16.2.

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018+AC:2020 EN 60079-1:2014

Where additional criteria beyond those given here have been used, they are listed in item 18 in the Schedule.

10 The sign "U" placed after the certificate number indicates that this certificate should not be confused with certificates issued for equipment or protective systems. This partial certification may be used as a basis for certification of equipment or protective systems. A "Schedule of limitations" is listed in item 17 of this certificate.

11 This UK TYPE EXAMINATION CERTIFICATE relates only to the technical design 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 (additional marking is provided in the Schedule as a part of item 15, if applicable):

I M2
Ex db I Mb

Signed: **M Halliwell**
Title: Senior Director of Operations
Date 21 August 2026

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13 # SCHEDULE

14 **UK Type Examination Certificate Number:** **Sira 21UKEX1021U** Issue: **2**

15 **Description:**

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The Type AFA33A Air Filled Straight Adaptor is rated at 3.3 kV, 500 A and comprises a cylindrical body with a mounting flange to BS 3454:1995 at each end. These flanges enable the adaptor to be connected to associated flameproof devices. The body of the Adaptor is manufactured from a cast metallic material and houses a moulded insulator that incorporates three contact tubes for the fitting of floating contact pins and a central earthing facility.

The following are design options:

A double ended contact tube and insulated adaptor pin
The retention of cables by crimping or grub screw
An auxiliary pilot tube and conductor
An auxiliary contact pin

The following are body material optionsAluminium bronze

Gun metal

Variation 1 - This variation introduced the following change:

i. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, EN 60079-0:2012+A11:2013 was replaced by EN IEC 60079-0:2018+AC:2020.

Variation 2 - This variation introduced the following change:

i. Add an alternative insulating material – Menzolit BMC 0300.

16 **Drawings and documents:**

16.1 **Technical documents:**

Refer to Certificate Annex.

16.2 **Associated reports and certificate history:**

Issue	Date	Report number	Comment
0	24 May 2021	R80070766A	The release of the prime certificate.
1	16 December 2022	R80134130A	The introduction of Variation 1.
2	21 August 2026	R80255938A	The introduction of Variation 2.

17 **Schedule of limitations** (denoted by "U" after the certificate number):

17.1 The component is only certified for use in an ambient temperatures range -20°C to +40°C and should not be used outside this range.

17.2 The Type AFA33A Air Filled Straight Adaptor is to be secured to associated apparatus with FOUR, M8 x 1.25 x 50 lg hexagonal head fasteners. The fastener screws are of grade 8.8 MIN. and used in conjunction with grade 8.0 nuts.

17.3 All flameproof joints are not intended to be repaired.

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18 **Essential health and safety requirements** (Regulations Schedule 1):

The relevant EHSRs that are not addressed by the standards listed in item 9 of this certificate have been identified and conformity of the product demonstrated in the reports listed in item 16.2.

19 **Remarks and additional information:**

The use of this certificate is subject to the regulations applicable to holders of CSA Group Testing UK certificates.

Compliance of the product with the applicable safety requirements of the relevant industrial standards has not been verified and is not covered by this certificate.

19.1 **Conditions of manufacture:**

19.1.1 The component shall be subjected to a 10 bar routine overpressure test as per Clause 16.1.2 of EN 60079-1:2014. The duration of the routine test shall be 10s minimum, and no damage or deformation shall be observed.

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Certificate Annexe

Document History

Issue – 0

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
CA145	1 of 2	3	17 Mar 21	3.3 KV 500A Air Filled Adaptor Type No. AFA33A
CA145	2 of 2	2	17 Mar 21	3.3 KV 500A Air Filled Adaptor Type No. AFA33A
A125457	1 of 1	1	09 Jan 18	GPC – 18 No. 6xM5x30 Fastener

Issue – 1

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
CA145	1 of 2	4	02 Dec 22	3.3kV 500A AIR FILLED ADAPTOR TYPE No. AFA33A
CA145	2 of 2	3	02 Dec 22	3.3kV 500A AIR FILLED ADAPTOR TYPE No. AFA33A

Issue – 2

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
CA145	1 of 2	2	22 Jul 26	3.3kV 500A AIR FILLED ADAPTOR TYPE No. AFA33A
CA145	2 of 2	4	22 Jul 26	3.3kV 500A AIR FILLED ADAPTOR TYPE No. AFA33A

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