1 # EU-TYPE EXAMINATION CERTIFICATE

2 Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014

3 EU-Type Examination Certificate Number: **Sira 00ATEX1192U** Issue: **5**

4 Component: **Type AFA66A Air Filled Straight Adaptor**

5 Manufacturer: **Victor Products Ltd.**

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

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 Netherlands B.V., Notified Body No. 2813 in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, 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 Annex II to the Directive.

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 EU-Type Examination Certificate relates only to the technical design of the specified product in accordance with the Directive 2014/34/EU. Further requirements of the Directive 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 **EU-Type Examination Certificate Number:** **Sira 00ATEX1192U** Issue: **5**

15 **Description:**

The Type AFA66A Air Filled Straight Adaptor is rated at 6.6 kV, 500 A and comprises a cylindrical body with a mounting flange to BS 3509:1980 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 grubscrew
An auxiliary pilot tube and conductor
An auxiliary contact pin
Up to 7 pilots/auxiliary connectors

The following are body material options

Gunmetal

Variation 1 - This variation introduced the following change:

i. The company address was changed:

From:	To:
Victor Products Ltd.	Victor Products Ltd.
New York Way	Unit 3A Tyne Dock East Side
New York Industrial Estate	Port of Tyne
Newcastle Upon Tyne NE27 0QF	South Shields NE33 5SQ
United Kingdom	United Kingdom

Variation 2 - This variation introduced the following changes:

i. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, EN 50014:1997 (amendments Al and A2) and EN 50018:1994were replaced by EN 60079-0:2012+A11:2013 and EN 60079-1:2014; consequently, the markings were updated accordingly, schedule of limitations were applied and FLP dimensional details were clarified and corrected in the certification documentation.
ii. It was recognised that the AFA66A Air Filled Straight Adaptor body will no longer be manufactured in either Brass, Aluminium bronze, Cast iron, Malleable iron or Sg iron materials, the Description of Component being modified accordingly.
iii. Typographical corrections to the name plate drawing were made.
iv. Scheduled drawing number CA219 was removed.
v. A design option referring to connectors was added to the Description of Component.

Variation 3 - 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 4 - This variation introduced the following change:

i. Add an alternative insulating material – Menzolit BMC 0300

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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	09 February 2001	R51M6640A.	The release of the prime certificate.
1	07 December 2017	R70144304B	This Issue covers the following changes: All previously issued certification was rationalised into a single certificate, Issue 1, Issue 0 referenced above is only intended to reflect the history of the previous certification and has not been issued as a document in this format. EC-Type Examination Certificate in accordance with 94/9/EC updated to EU-Type Examination Certificate in accordance with Directive 2014/34/EU. *(In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EC-Type Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)* The introduction of Variation 1.
2	12 June 2018	R70173716A	The introduction of Variation 2.
3	15 October 2019	0448	Transfer of certificate Sira 00ATEX1192U from Sira Certification Service to CSA Group Netherlands B.V.
4	16 December 2022	R80134130A	The introduction of Variation 3.
5	21 August 2026	R80255938A	The introduction of Variation 4.

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 All mounting fasteners shall be manufactured from a material that contains a suitable metallic composition of magnesium, titanium and zirconium (<7.5%, in total by mass), and aluminium, magnesium, titanium and zirconium (<15% in total by mass). In addition, the Type AFA66A Air Filled Straight Adaptor is to be secured to associated apparatus, at the flange located at the insulator tube end of the adapter, with SIX, M10 x 1.5 x 45 lg hexagonal head fasteners, the fastener screws shall be grade 8.8 MIN. and used in conjunction with grade 8.0 nuts.

17.3 All flameproof joints are not intended to be repaired.

18 **Essential health and safety requirements of Annex II** (EHSRs):

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 Netherlands B.V. certificates.

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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 observe.

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Certificate Annexe

Document History

Issue – 0

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
CA144*	1 of 2	1	07 Aug 00	6.6 kV 500A AIR FILLED ADAPTOR TYPE No. AFA66A
CA144	2 of 2	1	07 Aug 00	6.6 kV 500A AIR FILLED ADAPTOR TYPE No. AFA66A

* This drawing was amended by Sira on 9 February 2001

Issue – 1

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
CA219	1 of 1	0	13 Jul 17	Details of Address Change for Victor Products Ltd.

Issue – 2

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
CA144	1 to 2	2	18 May 18	6.6 kV 500A AIR FILLED ADAPTOR TYPE No. AFA66A

Issue – 3. No new drawings were introduced

Issue – 4

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
CA144	1 to 2	4	02 Dec 22	6.6Kv 500A AIR FILLED ADAPTOR TYPE No. AFA66A.

Issue – 5

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
CA144	1 of 2	5	22 Jul 26	6.6KV 500A AIR FILLED ADAPTOR TYPE No. AFA66A.
CA144	2 of 2	4	22 Jul 26	6.6KV 500A AIR FILLED ADAPTOR TYPE No. AFA66A.

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