



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Component intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: Sira 00ATEX1192U

4 Component: Type AFA66A Air Filled Straight Adaptor

5 Applicant: Victor Products Ltd

6 Address: New York Way  
New York Industrial Park  
Newcastle upon Tyne  
NE27 0QF

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

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of component intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report number R51M6640A.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 50014:1997 (amendments A1 and A2)  
EN 50018:1994

10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any special conditions for safe use are listed in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

12 The marking of the component shall include the following:



I M2  
EEx d I

M D Shearman  
Certification Manager

Project Number 51M6640  
Date 9 February 2001  
C. Index 07

This certificate and its schedules may only be reproduced in its entirety and without change

**Sira Certification Service**

Rake Lane, Eccleston, Chester, CH4 9JN, England  
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## SCHEDULE

### EC TYPE-EXAMINATION CERTIFICATE

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#### 13 DESCRIPTION OF COMPONENT

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

The following are body material options

- Gunmetal
- Brass
- Aluminium bronze
- Cast iron
- Malleable iron
- Sg iron

#### 14 DESCRIPTIVE DOCUMENTS

##### 14.1 Drawing No. Rev. Sheet Date Title

CA144*	1	1 of 2	07 Aug 00	6.6 kV 500A AIR FILLED ADAPTOR TYPE No. AFA66A
CA144	1	2 of 2	07 Aug 00	6.6 kV 500A AIR FILLED ADAPTOR TYPE No. AFA66A

\* This drawing was amended by Sira on 9 February 2001

14.2 Report No. R51M6640A

#### 15 SPECIAL CONDITIONS FOR SAFE USE

None

#### 16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSR'S)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in Report No. R51M6640A.

#### 17 CONDITIONS OF CERTIFICATION

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of SCS Certificates.

Date 9 February 2001

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