



EC - TYPE EXAMINATION CERTIFICATE

Component Intended for use on/in an Equipment or Protective System
Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC

- 1
- 2
- 3 EC - Type Examination Certificate Number: **Baseefa02ATEX0132U**
- 4 Component: **Type 3OPA Restrained Plug**
- 5 Manufacturer: **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 Baseefa (2001) Ltd. Notified body number 1180, in accordance with Article 9 of the Council 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 components intended for use in potentially explosive atmospheres given in Annex II to the Directive.
- The examination and test results are recorded in confidential Report No. **02(C)0248**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014: 1997 + Amendments 1 and 2
EN 50018: 2000
- 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 a basis for certification of an equipment or protective system.
- 11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified Component. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.
- 12 The marking of the component shall include the following :

 **I M 2** **EEx d I**

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa (2001) Ltd. Customer Reference No. **1186**

Project File No. **02/0248**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa (2001) Ltd.

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.



13

Schedule

14

Certificate Number Baseefa02ATEX0132U

15 Description of Component

Type 3OPA Restrained Plug, rated at up to 500A, 1100V/3300V. The plug comprises a brass and gunmetal enclosure, incorporating a cable gland assembly, an insulator assembly with three main contact tubes, one pilot circuit contact tube, two auxiliary circuit contact tubes and an earth contact.

The power, pilot and auxiliary contact tubes and the earth clamp are fitted with grub screws for cable core and earth connection respectively.

The contact tube assembly may be set in the 1100V or 3300V mode.

The plug is assembled with 'O'-ring seals.

The plug is for association with a socket as Baseefa02ATEX0131U or a plug coupler as Baseefa02ATEX0133 or any socket suitably certified for Group I use in accordance with EN 50014 and EN 50018, having a flameproof interface as BS 5620. The plug is for use with flexible cable.

VARIATION 0.1

Alternative materials and grades used for the various parts of the unit.

VARIATION 0.2

Alternative power, contact and auxiliary tubes for crimped cable core connectors.

VARIATION 0.3

Alternative pilot and auxiliary tube arrangement when four core cable is used.

VARIATION 0.4

Alternative design of earth clamp assembly.

16 Report Number

02(C)0248

17 Schedule of Limitations

None

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Issue	Date	Description
CA181 Sheets 1 to5	1	31.01.02	Range of Restrained Connectors (including Type 53OSA Restrained Socket and Type 3OPA Restrained Plug), 500A, 3300V (max.)

These drawings are common to Baseefa02ATEX0131U and are held with that certificate.



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Component Intended for use on/in an Equipment**
Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC

3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0132U/1**

4 Component: **Type 30PA Restrained Plug**

5 Manufacturer: **Victor Products Limited**

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

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa02ATEX0132U to apply to components designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.


Baseefa (2001) Ltd. Customer Reference No. **1186**

Project File No. **04/0200**

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Baseefa (2001) Ltd.



13 **Schedule**

14 **Certificate Number Baseefa02ATEX0132U/1**

15 **Description of the variation to the Component**

Variation 1.1

Alternative designs of cable glands.

The unit so formed is designated as the

TYPE 30PA/A RESTRAINED PLUG

16 **Report Number**

None

17 **Schedule of Limitations**

None

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
CA181	5	1	8/3/04	Cable Glands for Type 30PA/A Restrained Plug



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Component Intended for use on/in an Equipment**
Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC

3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0132U/2**

4 Component: **Type 30PA Restrained Plug**

5 Manufacturer: **Victor Products Limited**

6 Address: **New York Way, New York Industrial Estate, Newcastle-upon-Tyne,
Tyne & Wear, NE27 0QF**

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa02ATEX0132U to apply to components designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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Baseefa Customer Reference No. **1186**

Project File No. **12/0472**

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13 **Schedule**

14 **Certificate Number Baseefa02ATEX0132U/2**

15 **Description of the variation to the Component**

Variation 2.1

Amended design for the plug gland body to allow the fitting of a threaded cable entry device.

Cable entry holes are provided as specified on the certified drawings for the accommodation of suitable cable entry devices, with or without the interposition of a suitable thread adapter, or suitable stopping plugs. The cable entry devices, thread adapters and stopping plugs must be certified as flameproof Group I Equipment (not an Ex Component) under an EC-Type Examination certificate to Directive 94/9/EC.

Component certified cable entry devices, thread adapters and stopping plugs may only be used if specifically included in the certificate schedule.

The cable entry device and cabling methods used in service must be suitable for their intended duty and the special types of cable used in mining.

16 **Report Number**

None

17 **Schedule of Limitations**

None

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheets	Issue	Date	Description
CA181*	1-5	2	10/5/12	Type 53DSA and Type 30PA Range of Restrained Connectors, 500A, 3300V (max)
CA181*	6	1	10/5/12	Alternative Cable Glands -Type 30PA/G Range of Bolted Plugs

* These drawings are common to Baseefa02ATEX0131U and Baseefa02ATEX0132U and are held with the former.