

1 **UK-TYPE EXAMINATION CERTIFICATE**

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: **BAS21UKEX0322U**

4 Product: **Type 33MK2A Half Coupler**

5 Manufacturer: **Victor Products Limited**

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 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)0261/01**

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


EN IEC 60079-0:2018 EN 60079-1: 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:

 **I M2 Ex db I Mb**

SGS Baseefa Customer Reference No. **1186**

Project File No. **21/0261**

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R S SINCLAIR
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

14

Certificate Number BAS21UKEX0322U

15 Description of Product

The Type 33MK2A Half Coupler for use at 3300V, 500A (maximum) comprises a compound filled sealing box, made of cast gunmetal, fitted with a cable gland assembly for single sire armoured cable. Access for filling with the compound is via two Group I stopper plugs. The half coupler incorporates an insulator assembly with three main contact tubes and up to six pilot connectors which are crimped to the cable conductors.

16 Report Number

SGS Baseefa Certification Report 21(C)0261/01

17 Schedule of Limitations

1. The half coupler should not be used with the equipment for which the routine pressure tests exceeds 10 bar without further assessment or tests.

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 |
| 1.2.8 | Overloading of equipment (protection relays, etc.) |
| 1.4.1 | External effects |
| 1.4.2 | Aggressive substances, etc. |

19 Drawings and Documents

| Number | Sheet | Issue | Date | Description |
|--------|-------|-------|----------|---|
| CA143 | 1 | 2 | 23/04/21 | 3.3Kv-500Amp Flameproof Half Coupler Assembly - Type 33MK2A |
| CA143 | 2 | 2 | 23/04/21 | 3.3Kv-500Amp Flameproof Half Coupler Assembly - Type 33MK2A |

The drawing is common to MECS02ATEX5089U and BAS21UKEX0322U and held with the former.