



UNITED KINGDOM CONFORMITY ASSESSMENT

1 **UK TYPE EXAMINATION CERTIFICATE**

2 Equipment Intended for use in Potentially Explosive Atmospheres

UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

3 Certificate Number: **CSAE 21UKEX1316** Issue: **0**

4 Product: **Type ML 102 Mining Luminaire**

5 Manufacturer: **Victor Products Limited**

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 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 Section 14.2.

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

EN IEC 60079-0:2018/AC:2020-02 EN 60079-1:2014/AC:2018-09

Except in respect of those requirements listed at Section 16 of the schedule to this certificate. The above standards may not appear on the UKAS Scope of Accreditation, but have been added through flexible scope of accreditation, which is available on request.

10 If the sign 'X' is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use identified in the schedule to this certificate.

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 this product shall be in accordance with Regulation 41 and include the following:



I M2
Ex db I Mb IP65
Ta -20°C to +45°C

Name: J A May
Title: Director of Operations



**UK UK
CANI**

Certificate No. CSAE21UKEX1316
CSA Group Testing UK Ltd., Unit 6 Hawarden Industrial Park, Hawarden, CH5 3US, UK

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DQD544.21 Issue 2 (2021-04-23)

Page 1 of 2



SCHEDULE

UK TYPE EXAMINATION CERTIFICATE

CSAE 21UKEX1316
Issue 0

13 DESCRIPTION OF PRODUCT

The type ML 102 Mining Luminaire main body is made from gunmetal or bronze with an angled hinged cover which is fitted with a window that is cemented in position and secured by two steel plates. The hinged cover is secured by eight M8 x 25 mm long socket head screws grade 8.8. The enclosure incorporates up to two cable entry points, designed to accommodate suitably certified and dimensioned cable entry devices, or blanking plugs when not in use. The luminaire is suitable for operation with the following voltages:

Without transformer driver 12 V variant – 11 V to 18 V DC, 11 V to 14 V AC.

Without transformer driver 24 V variant – 23 V to 32 V DC, 22 V to 28 V AC.

With transformer driver 80 – 240 V AC/DC 50-60 Hz.

Maximum current for all variants is 1 AMP.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	15 September 2021	R80086629A	The release of the prime certificate.

15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

15.1 None

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (REGULATIONS SCHEDULE 1)

In addition to the Essential Health and Safety Requirements covered by the standards listed in Section 9, all other requirements are demonstrated in the relevant reports.

17 PRODUCTION CONTROL

17.1 Holders of this certificate are required to comply with production control requirements defined in Schedule 3A, as applicable, and CSA Group Testing UK Regulations for Certificate Holders





Certificate Annexe

Certificate Number: CSAE 21UKEX1316
Product: Type ML 102 Mining Luminaire
Manufacturer: Victor Products Limited

Issue 0

Drawing	Sheets	Rev.	Date (Stamped)	Title
CA219	1 of 1	0	13 Jul 17	Details of Address Change for Victor Products Ltd.
LA410	1 of 1	1	24 Aug 21	Type ML102 LED Luminaire

