



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx SIR 09.0134 issue No.:1
Status: Current
Date of Issue: 2010-03-26 Page 1 of 4

Certificate history:
Issue No. 1 (2010-3-26)
Issue No. 0 (2009-12-23)

Applicant: **Victor Products Limited**
New York Way
New York Industrial Estate
Newcastle-upon-Tyne NE27 0QF
United Kingdom

Electrical Apparatus: **Type ML 102 Mining Luminaire**
Optional accessory:

Type of Protection: **Flameproof**

Marking: **Ex d I Mb IP65 (Ta = -20°C to +45°C)**

Approved for issue on behalf of the IECEx D R Stubbings BA MIET
Certification Body:

Position: Certification Manager

Signature:
(for printed version)

Date:

2010-03-26

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom

sira
CERTIFICATION



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Manufacturer: **Victor Products Limited**
New York Way
New York Industrial Estate
Newcastle-upon-Tyne NE27 0QF
United Kingdom

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[GB/SIR/ExTR09.0208/01](#)

Quality Assessment Report:

[GB/SIR/QAR06.0055/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

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. In the base of the enclosure there are two cable entries which are fitted with 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.

CONDITIONS OF CERTIFICATION: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1 – this Issue introduced the following change:	
1	Re-issued to allow GB/SIR/ExTR09.0208/00 to be replaced by GB/SIR/ExTR09.0208/01