



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 ITS 08.0012 issue No.: 0 Certificate history:

Status: **Current**

Date of Issue: **2008-06-25** Page 1 of 3

Applicant: **Victor Products**
New York Way
New York Industrial Estate
NEWCASTLE UPON TYNE
NE27 0QF
United Kingdom

Electrical Apparatus: **Yes**
Optional accessory: **N/A**

Type of Protection: **Flameproof**

Marking: **Ex d I Mb IP65**
T amb -20 °C to +45 °C

Approved for issue on behalf of the IECEx Certification Body: A T Austin

Position: Deputy Certification Manager

Signature:
(for printed version)

Date:

19th June 2008

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.

Certificate issued by:

Intertek Testing & Certification Ltd
ITS House, Cleeve Road,
Leatherhead,
Surrey, KT22 7SB
United Kingdom

Intertek ETL SEMKO

Testing everywhere for markets anywhere.



IECEx Certificate of Conformity

Certificate No.: IECEx ITS 08.0012

Date of Issue: 2008-06-25

Issue No.: 0

Page 2 of 3

Manufacturer: **Victor Products**
New York Way
New York Industrial Estate
NEWCASTLE UPON TYNE
NE27 0QF
United Kingdom

Manufacturing location(s):

New York Way
New York Industrial Estate
NEWCASTLE UPON TYNE
NE27 0QF

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/ITS/ExTR08.0010/00

Quality Assessment Report:

GB/SIR/QAR06.0055/00



IECEx Certificate of Conformity

Certificate No.: IECEx ITS 08.0012

Date of Issue: 2008-06-25

Issue No.: 0

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The ML100 LED Mining Luminaire, comprising of a fully machined brass, steel or stainless steel body incorporating a lamp glass housing, a main body, mounting bracket and end cap.
The power circuit can be up to 24Vac or 12Vac 50/60Hz and 24Vdc or 12VDC.
Enclosure reference pressure is 38.4psi/2.65 bar.
Exempt from routine pressure testing.

CONDITIONS OF CERTIFICATION: NO



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.: **IECEx ITS 08.0012**

Page 1 of 4

Certificate history:

Status: **Current**

Issue No: 1

Issue 0 (2008-06-25)

Date of Issue: 2017-10-20

Applicant: **Victor Products Ltd**
Unit 3A Tyne dock East Side
Port of Tyne
South Shields
Tyne and Wear
NE33 5SQ
United Kingdom

Equipment: **Yes**

Optional accessory: N/A

Type of Protection: **Flameproof**

Marking: **Ex d I Mb IP65**
T amb -20 °C to +45 °C

Approved for issue on behalf of the IECEx
Certification Body:

P Moss

Position:

Consultant Engineer

Signature:
(for printed version)

Date:
(for printed version)

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Surrey, KT22 7SA
United Kingdom

intertek



IECEx Certificate of Conformity

Certificate No.: **IECEx ITS 08.0012**

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Date of issue: **2017-10-20**

Issue No: 1

Manufacturer: **Victor Products Ltd**
Unit 3A Tyne dock East Side
Port of Tyne
South Shields
Tyne and Wear
NE33 5SQ
United Kingdom

Additional
manufacturing
locations: New York Way
New York Industrial Estate
NEWCASTLE UPON TYNE
NE27 0QF

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STANDARDS :

The equipment 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 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/ITS/ExTR08.0010/01

Quality Assessment Report:

GB/SIR/QAR06.0055/08



IECEx Certificate of Conformity

Certificate No.: **IECEx ITS 08.0012**

Page 3 of 4

Date of issue: 2017-10-20

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The ML100 and ML 100s LED Mining Luminaires, comprising of a fully machined brass, steel or stainless steel body incorporating a lamp glass housing, a main body, mounting bracket and end cap.

The power circuit can be up to 24Vac or 12Vac 50/60Hz and 24Vdc or 12VDC.

Enclosure reference pressure is 38.4psi/2.65 bar.

Exempt from routine pressure testing.

SPECIFIC CONDITIONS OF USE: NO



IECEx Certificate of Conformity

Certificate No.: **IECEx ITS 08.0012**

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Date of issue: **2017-10-20**

Issue No: 1

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Change of Address from

New York Way, New York Ind. Estate, Newcastle Upon Tyne NE27 0QF United Kingdom.

To,

Unit 3A Tyne dock East Side, Port of Tyne, South Shields, Tyne and Wear, NE33 5SQ, United Kingdom

Annex:

[Annex doc for IEC Ex C of C or TR.pdf](#)



IECEX Certificate of Conformity

Certificate No:	IECEX ITS 08.0012	Issue No. 1
Annex No. 1		

Routine testing:

None

Manufacturer's documents			
Title:	Drawing No.:	Rev. Level:	Date:
*Type ML100 LED Luminaire	LA406	2	28/09/17
*Name plate for ML100 Luminaire	A193067	1	06/06/17

Note: An * is included before the title of documents that are new or revised.

Certificate issued by:

Intertek Testing & Certification Limited
ITS House, Cleeve Road,
Leatherhead,
Surrey, KT22 7SB
United Kingdom

intertek
Total Quality. Assured.



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.:	IECEX ITS 08.0012	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 2	Issue 1 (2017-10-20) Issue 0 (2008-06-25)
Date of Issue:	2022-05-10		
Applicant:	Victor Products Ltd Unit 3A Tyne dock East Side Port of Tyne South Shields Tyne and Wear NE33 5SQ United Kingdom United Kingdom		
Equipment:	Yes		
Optional accessory:	N/A		
Type of Protection:	Flameproof Ex d		
Marking:	Ex db I Mb IP65 -20 °C ≤ Ta ≤ +45 °C IECEX ITS 08.0012		

Approved for issue on behalf of the IECEx
Certification Body:

Mark Newman

Position:

Certificate Officer

Signature:
(for printed version)

2022.05.10

Date:
(for printed version)

14:36:03
+01'00'

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United Kingdom

intertek



IECEX Certificate of Conformity

Certificate No.: **IECEX ITS 08.0012**

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Date of issue: 2022-05-10

Issue No: 2

Manufacturer: **Victor Products Ltd**
Unit 3A Tyne dock East Side
Port of Tyne
South Shields
Tyne and Wear
NE33 5SQ United Kingdom
United Kingdom

Manufacturing
locations: **Victor Products Ltd**
Unit 3A Tyne dock East Side
Port of Tyne
South Shields
Tyne and Wear
NE33 5SQ United Kingdom
United Kingdom

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STANDARDS :

The equipment 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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

This Certificate **does not** indicate compliance with 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 Reports:

GB/ITS/ExTR08.0010/00

GB/ITS/ExTR08.0010/01

GB/ITS/ExTR08.0010/02

Quality Assessment Report:

GB/SIR/QAR06.0055/08



IECEx Certificate of Conformity

Certificate No.: **IECEx ITS 08.0012**

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Date of issue: 2022-05-10

Issue No: 2

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The ML100 and ML100s LED Mining Luminaires, comprising of a fully machined brass, steel or stainless steel body incorporating a lamp glass housing, a main body, mounting bracket and end cap.

SPECIFIC CONDITIONS OF USE: NO



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Certificate No.: **IECEx ITS 08.0012**

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Date of issue: 2022-05-10

Issue No: 2

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1:

Change of Address from

New York Way, New York Ind. Estate, Newcastle Upon Tyne NE27 0QF United Kingdom.

To,

Unit 3A Tyne dock East Side, Port of Tyne, South Shields, Tyne and Wear, NE33 5SQ, United Kingdom

Issue 2:

- Update to latest IEC 60079-0 and IEC 60079-1 standards.
- Addition of a new model, ML100s.

Annex:

[IECEx ITS 08.0012 - Annex for IECEx Certificate of Conformity.pdf](#)



Annex to IECEx Certificate of Conformity

Certificate No:	IECEX ITS 08.0012	Issue No. 2
Annex No. 1		

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
*Type ML100 LED Luminaire (Sheet 1 of 2)	LA406	4	13/12/21
*Type ML100S LED Luminaire (Sheet 2 of 2)	LA406	3	13/12/21
*Type ML100 Mining LED Luminaire	193080	-	February 2022
*Type ML100S Mining LED Luminaire	193080B	-	February 2022

Note: An * is included before the title of documents that are new or revised

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Intertek Testing & Certification Ltd
Intertek House, Cleeve Road,
Leatherhead, Surrey, KT22 7SA,
UK

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SFT-IECEX-OP-19f (26 October 2018)