

(1) EC-TYPE-EXAMINATION CERTIFICATE

- (2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 94/9/EC**
- (3) EC-Type-Examination Certificate Number



TÜV 10 ATEX 7878

- (4) Equipment: **Hand Lamp** Type: **IL-800 ZONE 0**
- (5) Manufacturer: **Mica Elektro Oy Ltd.**
- (6) Address: **P.O.B. 42 00381 Helsinki, Finland**

- (7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV Zertifizierungsstelle for ex-protected products of TÜV Rheinland Industrie Service GmbH, TÜV Rheinland Group, notified body No. 0035 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.
The examination and test results are recorded in the confidential report 557/Ex878.00/10
- (9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN 60079-0: 2009

EN 60079-11: 2007

EN 60079-31: 2009

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EC-Type-Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.
- (12) The marking of the equipment shall include the following:



II1G

Ex ia IIC T4 Ga



II2D

Ex tb IIIC T100°C IP67 Db

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2011-07-20


Dipl.-Ing. Heinz Farke

This EC-type-Examination Certificate without signature and stamp shall not be valid.

This EC-type-examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the TÜV Rheinland Industrie Service GmbH, TÜV Rheinland Group, Am Grauen Stein 51105 Köln

Tel: +49 (0) 221 806-0 Fax: +49 (0) 221 806 114

(13) Annex

(14) **EC - Type Examination Certificate**
TÜV 10 ATEX 7878

(15) Description of equipment

The hand lamp type IL-800 ZONE 0 is a hand held equipment for use in areas defined as zone 0 or zone 21.

The only available contacts are the charging contacts. The charging has to be done by use of Mica specified chargers. The charging is not allowed inside zones.

Technical Data

Voltage: $U_m = 24.6 \text{ V DC}$
Ambient temperature: $-20 \text{ °C} = T_a = 40 \text{ °C}$

(16) Test-Report No. 557 / Ex 878.00/10

(17) Special Conditions for safe use

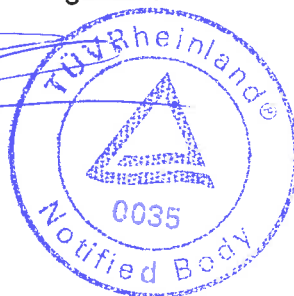
None

(18) Basic Safety and Health Requirements Covered by the afore mentioned standards.

TÜV Rheinland Zertifizierungsstelle

Cologne, 2011-07-20


Dipl.-Ing. Heinz Farke



This EC-Type Examination Certificate without signature and official stamp shall not be valid.
This certificate may be circulated without alteration. Extracts or alterations are subject to approval by.
TÜV Zertifizierungsstelle of TÜV Rheinland Industrie Service GmbH

1st Supplement

acc. to directive 94/9/EC, Appendix III, No 6
to the EC-Type Examination Certificate



TÜV 10 ATEX 7878

Device: Hand Lamp Type IL-800 ZONE 0

Manufacturer: Atexor Oy

Address: Puurtajantie 16, FIN-60510 Hyllykallio,
FINLAND

Description of supplements and modifications:

The hand lamp type IL-800 ZONE 0 is a hand held equipment for use in areas defined as zone 0 or zone 21.

(15) The following modifications are valid for this 1st supplement

Standard basis EN 60079-0:2009; EN 60079-11:2007; EN 60079-31:2009

Code for type of protection

 II 1 G Ex ia IIC T4 Ga

 II 2 D Ex tb IIIC T100°C IP67 Db

The content of 1st Supplement is:

The general product information remains unchanged.

The 1st supplement is related to change the Company name from Mica Oy to Atexor Oy.

All other parameters of equipment and its assessed accessories unchanged.

This 1st supplement to the EC-Type-Examination Certificate without signature and official stamp shall not be valid. The certificate may be circulated only without alteration. Extracts or alterations are subject to approval by TÜV Zertifizierungsstelle of TÜV Rheinland Industrie Service GmbH
In case of dispute, the German text shall prevail
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Technical data

All other data unchanged.

(16) Test Report No. 557 / Ex 878.01 / 10

(17) Special conditions for safe use

Unchanged.

(18) Basic Safety and Health Requirements

Covered by mentioned standards in the original certificate.

TÜV Rheinland Certification Body
for explosion protected equipment

Cologne, 9th December 2013

Dipl.-Ing. Klauspeter Graff

