



## EC-Type Examination Certificate

(1)

(2)

Equipment or Protective Systems Intended for use  
in Potentially Explosive Atmospheres  
Directive 94/9/EC

(3) EC-Type Examination Certificate Number:

**FTZÚ 01 ATEX 0073 U**

(4) Component:

**Flameproof signal luminaire type XHL ..**

(5) Manufacturer:

**Generi s.r.o.**

(6) Address:

**Uničovská 50, 787 01 Šumperk, Czech Republic**

- (7) This Component and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) The Physical Technical Testing Institute, notified body number 1026 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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 atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°

**01/0073 dated 31 March 2003**

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:

**EN 50014:1997+A1+A2; EN 50019:2000; EN 50 028:1987; EN 50 281-1-1:1998**

- (10) The sign "U" placed after the certificate number 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 a basis for certification of an equipment or protective system.
- (11) This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and testing of the specified component in accordance to the directive 94/9/EC. If applicable, further requirements of the Directive apply to the manufacturing process and supply of this component.
- (12) The marking of the component shall include following:



**I M2 EEx me I**



**II 2G D EEx me II**

This EC-Type Examination Certificate is valid till: **31 Mai 2008**

Responsible person:

Dipl. Ing. Šindler Jaroslav

Head of certification body



Date of issue: 15.05.2003

Number of pages: 1/3

This certificate is granted subject to the general conditions of the Physical Technical Testing Institute.  
This certificate may only be reproduced in its entirety and without any change, schedule included.



**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

**(14) EC-Type Examination Certificate N° FTZÚ 01 ATEX 0073 U**

**(15) Description of Component:**

A type XHL .. flameproof singnal luminaire is made as Ex – component, which is suited for instalation partly. Inside and partly outside of the increased safety enclosure "e". Light indicators are suited for fixing on the basic plate or they are mounted to the cover of the box by the fixing spring.

*Technical specification:*

Degree of protection (head):	IP 65
Degree of protection (connection terminals):	IP 20
Gross section of connectional conductors:	0,35 ÷ 2,5
Conductors for terminal:	max. 2
Nominal voltage:	6, 12, 24, 48 V AC/DC; 110 a 230 V AC

(16) Report No. : 01/0073

65 pages

**(17) Schedule of Limitations:**

*Rang of ambient Temperature  $T_a$ :*

For Group I:  $-20^{\circ}\text{C} < T_a < +60^{\circ}\text{C}$

For Group II:  $-40^{\circ}\text{C} < T_a < +60^{\circ}\text{C}$

**(18) Essential Health and Safety Requirements:**

Covered by standards mentioned in (9) of this certificate.

Responsible person:

Dipl. Ing. Šindler Jaroslav

Head of certification body



Date of issue: 15.05.2003

Number of pages: 2/3

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**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13) **Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 01 ATEX 0073 U**

(19) **LIST OF DOCUMENTATION**

- Technical conditions N° 995048 dated 26.03.2001
- Drawing N° G-3-902828 dated 11.06.2000
- Constructional specification of the head
- Constructional specification of the body
- Filling up specification

Number of pages: 3/3



**Supplement No. 1 to  
EC-Type Examination Certificate**

**Equipment or Protective Systems Intended for use  
in Potentially Explosive Atmospheres  
Directive 94/9/EC**

(3) EC-Type Examination Certificate Number:

**FTZÚ 01 ATEX 0073U**

(4) Equipment **Flameproof signal luminaire type XHL..**

(5) Manufacturer: **GENERI, s.r.o.**

(6) Address: **Uničovská 50, 787 01 ŠUMPERK, Czech Republic**

(7) This supplement of certificate is valid for: - modification of certified apparatus  
- prolongation of certificate validity

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains another requirements, which manufacturer shall fulfil before products are place on market or introduce in service.

(10) Safety requirements of modified parts were fulfilled by satisfying the following standards:

**EN 60079-0:2007**

**EN 60079-7:2007**

**EN 60079-18:2004**

**EN 61241-0:2007**

**EN 61241-1:2005**

Marking of equipment shall contain symbols: :



**I M2 Ex emb tD A I**

**-20°C ≤ T<sub>serv</sub> ≤ +85°C**



**II 2GD Ex emb tD A II**

**-40°C ≤ T<sub>serv</sub> ≤ +85°C**

(12) This type examination certificate is valid till: **30.06.2013**

Responsible person:

Dipl. Ing. Šindler: Jaroslav

Head of certification body



Date of issue: 02.06.2008

Number of pages: 2

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**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

(14)

**Supplement No. 1 to  
EC-Type Examination Certificate N° FTZÚ 01 ATEX 0073U**

(15) Description of Equipment or Protective System:

- a) Flameproof signal luminaire type XHL.. is recertified according to the standards EN 60079-0:2007; EN 60079-7:2007; EN 60079-18:2004; EN 61241-0:2007; EN 61241-1:2005;
- b) Modification T<sub>serv</sub> : -20°C + +85°C only for I ;  
modification T<sub>serv</sub> : -40°C + +85°C only for II
- c) Enlargement about new voltage variant 110 V in AC/DC and 230 V in AC/DC;
- d) Enlargement about new sealing compound.

(16) Report No. : 01/0073-1

dated 30.05.2008

(17) Special conditions for safe use: --

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (10) of this supplement.

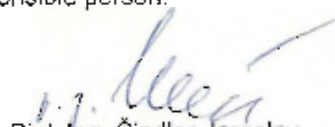
(19) LIST OF DOCUMENTATION

*Documentation:*

*Date:*

- |                               |              |            |
|-------------------------------|--------------|------------|
| • Certification drawings No.: | G-3-902828/2 | 26.03.2008 |
|                               | G-4-960418   | 04.05.2007 |
|                               | G-4-960417   | 04.05.2007 |
| • User manual No.:            | N740056      | 27.03.2008 |

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 02.06.2008

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**Supplement No. 2 to  
EC-Type Examination Certificate**

(2) **Equipment or Protective Systems Intended for use  
in Potentially Explosive Atmospheres  
Directive 94/9/EC**

(3) EC-Type Examination Certificate Number:

**FTZÚ 01 ATEX 0073U**

(4) Equipment or protective system: **Flameproof signal luminaire type XHL..**

(5) Manufacturer: **GENERI, s.r.o.**

(6) Address: **Uničovská 50, 787 01 Šumperk, Czech Republic**

(7) This supplement of certificate is valid for: - prolongation of certificate validity

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains another requirements, which manufacturer shall fulfil before products are place on market or introduce in service.

(10) Safety requirements of modified parts were fulfilled by satisfying the following standards:

**EN 60079-0:2009; EN 60079-7:2007; EN 60079-18:2009; EN 60079-31:2009**

(11) Marking of equipment shall contain symbols: :

 **I M2 Ex emb I Mb** **-20°C ≤ T<sub>serv</sub> ≤ +85°C**

 **II 2G Ex emb IIC Gb** **-40°C ≤ T<sub>serv</sub> ≤ +85°C**

 **II 2D Ex tb IIIC Db** **-40°C ≤ T<sub>serv</sub> ≤ +85°C**

(12) This type examination certificate is valid till: **31.08.2018**

Responsible person:



Dipl. Ing. Martinák Lukáš  
Head of certification body



Date of issue: 09.08.2013

Number of pages: 2  
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**Physical Technical Testing Institute  
Ostrava-Radvanice**

(13)

**Schedule**

(14)

**Supplement No. 2 to  
EC-Type Examination Certificate N° FTZÚ 01 ATEX 0073U**

(15) Description of Equipment or Protective System:

Flameproof signal luminaire type XHL.. is recertified according standards EN 60079-0:2009; EN 60079-7:2007; EN 60079-18:2009 and EN 60079-31:2009.

Equipment parameters are without any changes.

(16) Report No.: 01/0073-2 dated 07.08.2013

(17) Special conditions for safe use: -

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (10) of this certificate.

(19) List of documentation:

- Certification drawing No.: G-3-902828/2 dated 04.06.2013
- User manual No. N740056 – 2nd edition dated 04.06.2013

Responsible person:

  
Dipl. Ing. Martinák Lukáš  
Head of certification body



Date of issue: 09.08.2013

Number of pages: 2  
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This supplement to certificate is granted subject to the general conditions of the Physical Technical Testing Institute.  
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(1) **Supplementary EU - Type Examination Certificate No.3**

- (2) **Component Intended for use on/in an Equipment or Protective System  
Intended for use in Potentially Explosive Atmospheres  
(Directive 2014/34/EU)**

- (3) EU - Type Examination Certificate number:

**FTZÚ 01 ATEX 0073U**

- (4) Product: **Flameproof signal luminaire type XHL..**
- (5) Manufacturer: **GENERI s.r.o.**
- (6) Address: **Uničovská 50, 787 01 Šumperk, Czech Republic**
- (7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 01 ATEX 0073U to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.
- (8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, 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 Annex II to the Directive.
- (9) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.
- (10) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0:2012+A11:2013, EN 60079-7:2015, EN 60079-18:2015, EN 60079-31:2014**
- (11) The marking of the product shall include the following:

 I M2	<b>Ex eb mb I Mb</b>	<b>-20°C ≤ T<sub>serv</sub> ≤ +85°C</b>
 II 2G	<b>Ex eb mb IIC Gb</b>	<b>-40°C ≤ T<sub>serv</sub> ≤ +85°C</b>
 II 2D	<b>Ex tb IIIC Db</b>	<b>-40°C ≤ T<sub>serv</sub> ≤ +85°C</b>

- (12) This certificate is valid till: **31.07.2025**

Responsible person:

*L. Martinák*

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.07.2020

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**Physical-Technical Testing Institute  
Ostrava - Radvanice**

(13)

**Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 3  
to FTZÚ 01 ATEX 0073U**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the newest standards: EN 60079-0:2012+A11:2013, EN 60079-7:2015, EN 60079-18:2015 and EN 60079-31:2014.
- Prolongation of certificate validity.

The technical parameters and construction component remain unchanged.

(16) Report Number.: 01/0073/3

(17) Schedule of Limitations:

None.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

(19) Drawings and Documents:

Number	Issue	Sheets	Date	Description
N740056	3	2	09.04.2019	User manual
G-3-902828/4	--	1	09.04.2019	Drawing

Responsible person:

*L. Martinák*

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 17.07.2020

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