



Physical Technical Testing Institute
Ostrava-Radvanice



Supplement No. 1 to Type Examination Certificate

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

(3) Type Examination Certificate Number:

FTZÚ 06 ATEX 0168

(4) Equipment or protective system: **Fluorescent luminaire type PITBUL-N-ENDURA**

(5) Manufacturer: **VYRTYCH a.s.**

(6) Address: **Židněves 116, 298 06 Březno, Czech Republic**

(7) This supplement of certificate is valid for:

- Verification according to new standards
- Prolongation of certificate validity
- Change of the name and address of the producer

(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 fulfil by satisfying of following standards:


EN 60079-15:2005; EN 61241-0:2006; EN 61241-1:2004

(11) Marking of equipment shall contain symbols:

 **II 3GD Ex nA tD A II T4 T87°C**

(12) This type examination certificate is valid till: **31.07.2013**

Responsible person:


Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: 30.07.2008

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

(13) **Schedule**

(14) **Supplement No. 1 to
Type Examination Certificate N° FTZÚ 06 ATEX 0168**

(15) Description of Equipment or Protective System:

- 1) The type PITBUL-N-ENDURA luminaire is recertified according to standards EN 60079-15:2005; EN 61241-0:2006 and EN 61241-1:2004. There on the apparatus are not made any constructional changes in comparison to the certified model.
- 2) At the producer was made change of the name and adress from Ing. L. Vyrtych – Elektrotechnický závod, 294 06 Březno 114 to VYRTYCH a.s., Židněves 116, 294 06 Březno, Czech Republic.

Basic technical data:

Nominal voltage: 230V/50Hz
Light sources: fluorescent lamp type ENDURA 70W; 100W or 150W
Degree of protection: IP 65
Ambient temperature Ta: -20°C to +30°C

(16) Report No. : 06/0168-d1 29.07.2008

(17) Special conditions for safe use: none

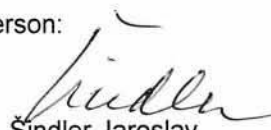
(18) Essential Health and Safety Requirements:

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

(19) LIST OF DOCUMENTATION:

- | | | |
|--------------------------|-----------------|------------|
| ➤ Technical description | PITBUL-N-ENDURA | 29.07.2008 |
| ➤ Operating instructions | PITBUL-N-ENDURA | 07/2008 |
| ➤ Plates | | 07/2008 |

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Type Examination Certificate

(1)
(2)

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

(3) Type Examination Certificate Number:

FTZÚ 06 ATEX 0168

- (4) Equipment: **Fluorescent luminaire type PITBUL-N-ENDURA**
(5) Manufacturer: **Ing. L. Vyrtých – Elektrotechnický závod**
(6) Address: **294 06 Březno 114, Czech Republic**

- (7) This equipment or protective system and any of acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
(8) The Physical Technical Testing Institute 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 Category 3 equipment, which is intended for use in potentially explosive atmospheres given in Annex II to the Council Directive 94/9/EC.

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

06/0168 dated 28 July 2006

- (9) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN 60079-15:2004 EN 50281-1-1:1998
- (10) If the sign „X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
(11) This TYPE EXAMINATION CERTIFICATE relates only to the design, examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
(12) The marking of the equipment or protective system shall include following:

 **II 3GD Ex nA II T4 T 87°C**

This Type Examination Certificate is valid till: **30.06.2011**

Responsible person:

Dipl. Ing. Šindler Jaroslav
Head of certification body



Date of issue: **29.06.2006**

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**Physical Technical Testing Institute
Ostrava-Radvanice**

(13)

Schedule

(14) **Type Examination Certificate N° FTZÚ 06 ATEX 0168**

(15) Description of Equipment:

A type PITBUL–N–ENDURA luminaire with degree of protection IP 65 is composed of two parts of the enclosure comprises a body manufactured from varnished steel plate or stainless steel plate of the thickness 1mm, and light transmitting cover made from safety toughened glass of the thickness 5mm, which are mutually fixated through EPDM gasket by sealed steel screws. On the opposite sides of the body are holes to accept cable glands or plugs with degree of protection IP 66 type M20x1,5 made by producer, or there may be used equal cable glands or plugs type M20x1,5 or M25x1,5 with minimum degree of protection IP 65. Inside of the enclosure is on the varnished steel plate reflector installed three-pole or five-pole terminal block WAGO for connection of the cable conductors to 2,5mm², electronic ballast type QUICKTRONIC and inductance coils (ferrite rings), which have function as a holders of the fluorescent lamp type ENDURA 70W; 100W or 150W/120-240V/50-60Hz, which is without electrodes in a closed "ring" with no starting point and no end point. Ambient temperature for luminaire is from -20°C to +30°C.

(16) Report No. : 06/0168 dated 28.06.2006

(17) Special conditions for safe use: none

(18) Essential Health and Safety Requirements:
Covered by standards mentioned in (9) of this certificate.

(19) **LIST OF DOCUMENTATION**

- Technical description PITBUL – N – ENDURA
- Operation description PITBUL – N – ENDURA
- Drawings No. 3481-0-14-1 dated 26.02.2004
- 3481-0-14-2 26.02.2004
- 3481-0-14-7 26.02.2006
- 3930-5-06-1 01.06.2006
- 3930-5-98-1_1 01.06.2006
- 3930-5-98-1_2 01.06.2006
- Test report No. VI 18/2006 06.06.2006

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