Physical Technical Testing Institute

Ostrava-Radvanice

(1)

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 05 ATEX 0199

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

(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 adress 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:

Ex II 3GD Ex nA tD A II T4-T5 $T_{max.surface}$ - see below (15)

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

Responsible person:

Dipl. Ing. Šindler Jaroslav
Head of certification body

FYZIKÁLNĚ TECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.o. OSTRAVA-RADVANICE

Date of issue: 28.07.2008

Number of pages: 3

Page: 1/3

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

FTZÚ, Pikartská 7, 716 07 Ostrava Radvanice, tel +420 595 223 111, fax +420 596 232 672, e-mail: ftzu@ftzu.cz

(13) **Schedule**

(14) **Supplement No. 1 to**
Type Examination Certificate N° FTZÚ 05 ATEX 0199

(15) Description of Equipment or Protective System:

1) The types PITBUL-N-EM and PITBUL-N-EP luminaires are 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:

Degree of protection:	IP 65
Ambient temperature Ta:	-20°C to +40°C
Type:	**PITBUL-N**
Design:	II 3GD Ex nA tD A II T4 T78°C
Nominal voltage:	230V/50Hz
Light sources:	linear fluorescent lamp G13-81-IEC 1; 2; 3; 4 x 18W; 36W or 58W
Type:	**PITBUL-N-EP**
Design:	II 3GD Ex nA tD A II T5 T60°C
Nominal voltage:	230V/0Hz/50-60Hz
Light sources	linear fluorescent lamp G13-81-IEC 1; 2; 3; 4 x 18W; 36W or 58W

(16) Report No. : 05/0199-d1 07.07.2008

(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.

Responsible person:

Dipl. Ing. Šindler Jaroslav
Head of certification body

Date of issue: 28.07.2008

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(13) **Schedule**

(14) **Supplement No. 1 to**
Type Examination Certificate N° FTZÚ 05 ATEX 0199

(19) **LIST OF DOCUMENTATION**

- Technical description No.: PITBUL-N 01.04.2008
- Operating instructions: PITBUL-N 04/2008
- Plates: 04/2008

Responsible person:

Dipl. Ing. Šindler Jaroslav
Head of certification body

Date of issue: 24.07.2008

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Physical Technical Testing Institute

Ostrava-Radvanice

(1)

Type Examination Certificate

(2)

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

(3) Type Examination Certificate Number:

FTZÚ 05 ATEX 0199

(4) Equipment: **Fluorescent luminaire type PITBUL-N and PITBUL-N-EP**

(5) Manufacturer: **Ing. L. Vyrtych – Elektrotechnický závod**

(6) Address: **294 06 Březno 114, Czech Republic**

(7) This equipment or protective system 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, 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°

05/0199 dated 28 July 2005

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

EN 50021:1999 **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:

Ex II 3GD EEx nA II T4-T5 T 78°C; T 60°C

This Type Examination Certificate is valid till: **31.07.2010**

Responsible person:

Dipl. Ing. Šindler Jaroslav
Head of certification body

FYZIKÁLNĚ TECHNICKÝ ZKUŠEBNÍ ÚSTAV, s.p. • OSTRAVA-RADVANICE •

Date of issue: 29.07.2005

Number of pages: 1/3

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Physical Technical Testing Institute

Ostrava-Radvanice

(13) **Schedule**

(14) **Type Examination Certificate N° FTZÚ 05 ATEX 0199**

(15) Description of Equipment:

A type PITBUL-N 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 IP 66 made by producer, or there may be used equal cable glands or plugs with minimum degree of protection IP 65. Inside of the enclosure is on varnished steel plate reflector installed three-pole or five-pole terminal block for connection of the cable conductors to 2,5mm2, inter connection terminals, couple of lampholders G13 in compliance with used number of the lamps, inductance ballasts with capacitors and starters type PULSESTARTER EFS**, or certified electronic ballasts. As the light sources are used Bi-pin fluorescent lamps 1;2;3;4 x 18W;36W or 58W for nominal voltage 230V/50Hz. Temperature class T4 and max. surface temperature T 78°C is for luminaires with used inductance ballasts and temperature class T5 and max. surface temperature T 60°C is for luminaires with used electronic ballasts.

(16)Report No. : 05/0199 dated 28.07.2005

(17) Special conditions for safe use: --

(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

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(13) **Schedule**

(14) **Type Examination Certificate N° FTZÚ 05 ATEX 0199**

(19) **LIST OF DOCUMENTATION**

- Technical description PITBUL – N
- User´s manual PITBUL – N
- Drawings No.

3850 – 5 – 98 – 1_1	dated	24.5.2005
3850 – 5 – 98 – 1_2		24.5.2005
3850 – 0 – 06 – 7		24.5.2005
3850 – 0 – 06 – 8		24.5.2005
3850 – 0 – 06 – 9		24.5.2005
3851 – 0 – 06 – 1		24.5.2005
3851 – 0 – 06 – 2		24.5.2005
3851 – 0 – 06 – 4		24.5.2005
3570 – 0 – 06 – 1		24.5.2005
3870 – 0 – 06 – 2		24.5.2005
3870 – 0 – 06 – 3		24.5.2005
3870 – 0 – 06 – 5		24.5.2005
3481 – 0 – 14 – 2		24.5.2005
3481 – 0 – 14 – 3		24.5.2005
3481 – 0 – 14 – 4		24.5.2005
3481 – 0 – 14 – 1		24.5.2005

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