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 0200X

(4) Equipment or protective system: **Fluorescent luminaire type VIPET-N-EM and MULTIVIPET-N-EM**

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

(11) Marking of equipment shall contain symbols:

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.p. FTZÚ Ex OSTRAVA-RADVANICE

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Physical Technical Testing Institute

Ostrava-Radvanice

(13) **Schedule**

(14) # Supplement No. 1 to Type Examination Certificate N° FTZÚ 05 ATEX 0200X

(15) Description of Equipment or Protective System:

1) The types VIPET-N-EM and MULTIVIPET-N-EM luminaires are recertified according to standards EN 60079-15:2006; 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
Degree of protection:	IP 66
Ambient temperature Ta:	0°C to +30°C
Type:	**VIPET-N-EM**
Design:	II 3GD Ex nA tD A II T5 T42°C
Light sources:	linear fluorescent lamp G13-81-IEC 1 x 18W; 36W; 58W
Type:	**MULTIVIPET-N-EM and MULTIVIPET-N-EM-EP**
Design:	II 3GD Ex nA tD A II T5 T75°C
Light sources:	linear fluorescent lamp G13-81-IEC 1; 2 x 18W; 36W; 58W

(16) Report No. : 05/0200-d1 26.06.2008

(17) Special conditions for safe use:
The luminaire must be safed against mechanical damage.

(18) Essential Health and Safety Requirements:
Covered by standards mentioned in (10) of this supplement.

Responsible person:

Dipl. Ing. Šindler Jaroslav
Head of certification body

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(13) **Schedule**

(14) **Supplement No. 1 to**
Type Examination Certificate N° FTZÚ 05 ATEX 0200X

(19) **LIST OF DOCUMENTATION**

➢	Technical description No.:	VIPET-N-EM a MULTIVIPET-N-EM	12.12.2007	8 pages
➢	Operating instructions:	VIPET-N-EM a MULTIVIPET-N-EM	12/2007	
➢	Plates:		12/2007	

Responsible person:

Date of issue: 14.07.2008

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Ostrava-Radvanice

Type Examination Certificate

(1)

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

(3) Type Examination Certificate Number:

FTZÚ 05 ATEX 0200

(4) Equipment: **Fluorescent luminaire type VIPET-N-EM and MULTIVIPET-N-EM**

(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°

05/0200 dated 28 August 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:

II 3GD EEx nA II T4-T5 T 75°C; T 42°C

This Type Examination Certificate is valid till: **31.08.2010**

Responsible person:

Dipl. Ing. Šindler Jaroslav

Head of certification body

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

Date of issue: 31.08.2005

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 0200

(15) Description of Equipment:

A type VIPET-N-EM luminaire (non-maintained emergency lighting) and a type MULTIVIPET-N-EM luminaire (maintained emergency lighting) with degree of protection IP 66 is composed of two parts of the enclosure comprises a body and light transmitting cover (diffuser), which are moulding from polycarbonate, and there are mutually fixated through foam polyurethane gasket by stainless clips. On the opposite sides of the body are holes to accept cable glands or plugs type M20 with IP 66 made by producer. 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 2,5mm^2, two-pole inter connection terminals, couple of lampholders G13 , inductance ballasts with capacitors and starters type PULSESTARTER EFS**, or certified electronic ballasts, and emergency electronic modul with LED diode, test button and battery NiCd or NiMh. As the light sources are used Bi-pin fluorescent lamps T8/G13 1;2 x 18W;36W or 58W for nominal voltage 230V/50Hz. Temperature class T4 is for luminaire type MULTIVIPET-N-EM (max. surface temperature T 75°C) and for luminaire type VIPET-N-EM 1x58W (max.surface temperature T 42°C). Temperature class T5 and max.surface temperature T 42°C is for luminaires type VIPET-N-EM 1x18W and 1x36W. Operating temperature is from 0°C to +30°C.

(16) Report No. : 05/0200 dated 28.08.2005

(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 0200

(19) ## LIST OF DOCUMENTATION

➢	Technical description		dated 24.05.2005
➢	User´s manual		dated 24.05.2005
➢	Drawings No.	2080 – 5 – 98 – 1	dated 23.08.1999
		2145 – 0 – 06 – 2	dated 01.04.2005
		2085 – 0 – 06 – 3	dated 01.04.2005
		2345 – 0 – 06 – 2	dated 01.04.2005
		2345 – 0 – 06 – 3	dated 01.04.2005
		2085 – 0 – 06 – 2	dated 01.04.2005
		2245 – 0 – 06 – 3	dated 01.04.2005
		2145 – 0 – 06 – 3	dated 01.04.2005
		2485 – 0 – 06 – 4	dated 01.04.2005
		2485 – 0 – 06 – 3	dated 01.04.2005
		2145 – 0 – 06 – 4	dated 01.04.2005
		2445 – 0 – 06 – 2	dated 01.04.2005
		2085 – 4 – 95 – 2	dated 08.05.2005
➢	Certificate EZÚ No.	1040345	dated 23.03.2004
➢	Certificate "PREDOM" No.	B/44/0287/03	dated 18.06.2003

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