



**Supplement No. 2 to
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 06 ATEX 0050X

(4) Equipment or protective system: **Flameproof luminaire type
RLF . 250 2/ . - 2 . and RLF . 250 N 2/6 -2. -.h**

(5) Manufacturer: **COOPER CROUSE HINDS GmbH**

(6) Address: **Neuer Weg Nord 49, 69412 Eberbach, Germany**

(7) This supplement of certificate is valid for:

- Modification of certified apparatus
- Verification according to new standards
- Prolongation of certificate validity


(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, a list of which is mentioned in the 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 other requirements, which manufacturer shall fulfil before products are placed on the market or introduce in service.

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

**EN 60079- 0:2009; EN 60079-1:2007; EN 60079-7:2007;
EN 60079-11:2012; EN 60079-18:2009; EN 60079-31:2009**

(11) Marking of equipment shall contain symbols:

 **II 2G Ex d e ib mb IIC T4 Gb**

 **II 2D Ex tb IIIC T60°C Db**

(12) This type examination certificate is valid till: **31.07.2017**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 26.02.2014

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Physical Technical Testing Institute
Ostrava – Radvanice

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Schedule

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(15) Description of Equipment or Protective System:

- 1.) A type RLF . 250 2/ - 2 . and RLF . 250 N 2/6 -2. -.h flameproof fluorescent luminaire was modified for use electronic ballasts type HFX manufactured by BAREL and EVG 09xxx manufactured by CEAG only, use electronic module of emergency lighting type HFXE manufactured by BAREL in Ex-protection II 2G Ex e mb II T5 (Nemko 09 ATEX 1103U) or type MAz 5... manufactured by JAKUBIEC in Ex-protection II 2G Ex e mb II (FTZÚ 04 ATEX 0146U), use battery set for emergency luminaires type Jd2 and Jd3 manufactured by JAKUBIEC in Ex-protection II 2G Ex d IIC T6 (FTZÚ 05 ATEX 0286X) or type VBA-Ex manufactured by VYRTYCH in Ex-protection II 2G Ex mb II T5 (FTZÚ 10 ATEX 0145X), alternative using lampholder type VOB-Ex fy VYRTYCH a.s., in Ex-protection II 2G Ex e II Gb (FTZÚ 10 ATEX 0178U/1) and off-load switch type VOD-Ex fy VYRTYCH a.s., in Ex-protection II 2G Ex d IIC Gb (FTZÚ 10 ATEX 0297U) and in possibility luminaire equipment by Watchdog module type CG-S manufactured by CEAG in Ex-protection II 2G Ex e ib mb IIC (PTB 04 ATEX 2110U).
- 2.) The luminaires are recertified according to standards EN 60079-0:2009; EN 60079-1:2007; EN 60079-7:2007; EN 60079-11:2012; EN 60079-18:2009 and EN 60079-31:2009.

Equipment parameters are without any changes.

There on the apparatus are not made any constructional changes in comparison to the certified model.

(16) Report No.: 06/0050-2

dated 25.02.2014

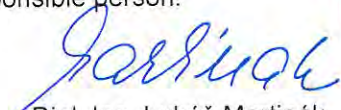
(17) Special conditions for safe use:

- 17.1 The type luminaire without installed off-load switch must be labelled "**Do not open when energized!**".
- 17.2 Ambient temperature Ta: 0°C to +40°C - for type RLF . 250 N 2/6 -2. -.h

(18) Essential Health and Safety Requirements:

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

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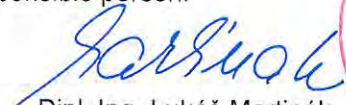
(19) List of Documentation:

➤ Description No.:	4604	13.12.2013
➤ Operating Instruction No.:	30080002077_c	13.12.2013
➤ Operating Instruction No.:	30080002121_b	13.12.2013
➤ Drawings No.:	32283000055_PZ	15.04.2013
	32283000056_PZ	19.07.2013
	32283000057_PZ	19.07.2013

(20) Type code

	RLF	250	2/	-	2.	-	. h
Recessed Light fitting									
Enclosure material									
= Standard Sheet steel white-painted									
- INOX = Stainless steel (Option)									
Type									
2 lamps 18/18 + 36/36 + 58/58									
3 lamps 336 + 358									
4 lamps 418 + 436 + 458									
= Standard light fitting									
N = Single battery - emergency light fitting (Option)									
CG-S = Emergency light fitting for central battery system (Option)									
2/5 = Through-wiring 5 pole									
2/6 = Through-wiring 6 pole for N-Variants									
K = 2 sided threads for M 25 plastic									
M = 2 sided threads for M 20 metal									
1.5 = 1.5 hours emergency light (N-Version)									
3 = 3 hours emergency light (N-Version)									
For 2 and 3 lamp Version : narrow enclosure									
For 4 lamp Version: wide enclosure									

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