



## Supplement No.1 to Certificate No.: FTZÚ 08 Ex 0002

about verification of non-electrical apparatus for potentially  
explosive gas atmospheres

This certificate is issued for: **Straight flow ball valve type series KM 91xx.x...AP...;  
KM 91xx.x...BS...; KM 91xx.x...AS...**

Manufacturer: **KE-ARM, s.r.o., Pekařská 1639/79A, 747 05 Opava, Czech Republic**

Applicant: **KE-ARM, s.r.o., Pekařská 1639/79A, 747 05 Opava, Czech Republic**

This supplement of certificate is valid for: **prolongation of certificate validity**

Above mentioned product and any of its variant are specified in documentation listed in this certificate.

FTZÚ – National testing authority No. 210 confirms, that product comply with requirements following standards:

**EN 13463-1:2009**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

Apparatus marking: **- see table showed in the product description**

This certificate is valid till: **31.03.2018**

Responsible person:

Mr. Lukáš Martinák  
Head of certification body



Date of issue: **26.02.2013**

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Annexes: -

This certificate is valid only for products described in this certificate and doesn't replace any other documents.  
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Physical Technical Testing Institute, Ostrava-Radvanice  
National testing authority No 210

Supplement No. 1 to

Certificate No. FTZÚ 08 Ex 0002

about verification of non-electrical apparatus for potentially explosive gas atmospheres

Product description:

This supplement prolongs validity of the certificate which is issued for ball valves type series KM 91xx.x... design variants AP; BS; AS including ball valves designed for high pressure and ball valves with seats made of DEVLON V.

The conductive bonding between ball and body or between stem and body of ball valve is arranged through its construction and kind of sealing components.

The temperature and pressure range of ball valve is dependent on its material version and it is mentioned in manuals and data sheets.

Table: Dependence of ball valve size on its type of protection:

i) ball valve seat material PTFE, PEEK or DEVLON V

Size	Type of protection
DN10 to DN100	II 1GD IIC TX I M1
DN125 to DN300	II 1GD IIB TX II 2G IIC TX I M1

ii) ball valve seat material PTFE+25%carbon, carbon + Sb or metal


Size	Type of protection
DN10 to DN300	II 1GD IIC TX I M1

Test report No.: 08/0002-1

Special condition for safe use: --

Essential Health and Safety Requirements: unchanged

Responsible person:

  
Mr. Lukáš Martinák  
Head of certification body



Date of issue: 20.02.2013

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Annexes: --

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## Supplement No. 1 to

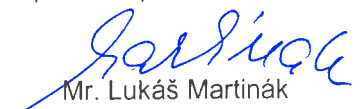
## Certificate No. FTZÚ 08 Ex 0002

about verification of non-electrical apparatus for potentially explosive gas atmospheres

### List of documentation

Marking codes of straight flow ball valves (MP/03, revision No.4)	...	24.3.11; 9 pages
Instruction for installation and use – part 2 (revision No.1)	...	3.1.13; 12 pages
Methodical instruction of manufacturer (MP/06, revision No.1)	...	7.9.05; 5 pages
Methodical instruction of manufacturer (MP/10, revision No.2)	...	20.2.07; 10 pages
Guidelines (NÁV/06, revision No.2)	...	27.8.09; 9 pages
Guidelines (NÁV/08, revision No.2)	...	24.8.09; 9 pages
Drawings with technical descriptions:		
KM 9101.X-03.1-AP-RB	...	2 pages
KM 9101.X-03.2-AP-RB	...	2 pages
KM 9103.X-03.1-AP-RB	...	2 pages
KM 9103.X-03.2-AP-RB	...	2 pages
KM 9103.X-AP-RB	...	3 pages
KM 9108.X-03.1-AP-RB	...	2 pages
KM 9108.X-03.2-AP-RB	...	4 pages
KM 9101.X-AP-RB	...	3 pages
KM 9107.X-AP-RB	...	2 pages
KM 9137.X-03.2-AP-RB	...	1 page
KM 9107.X-03.2-AP-RB	...	2 pages
KM 9108.X-AP-RB	...	4 pages
KM 9101.X-AP-FB	...	3 pages
KM 9101.X-03.2-AP-FB	...	2 pages
KM 9101.X-03.1-AP-FB	...	2 pages
KM 9103.X-AP-FB	...	2 pages
KM 9107.X-AP-FB	...	2 pages
KM 9108.X-AP-FB	...	4 pages
KM 9103.X-03.1-AP-FB	...	2 pages
KM 9103.X-03.2-AP-FB	...	1 page
KM 9108.X-03.1-AP-FB	...	2 pages
KM 9108.X-03.2-AP-FB	...	6 pages
KM 9107.X-03.2-AP-FB	...	2 pages
KM 9137.X-03.2-AP-FB	...	1 page

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