



Type Examination Certificate

(1)
(2)

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

(3) Type Examination Certificate Number:

FTZÚ 12 ATEX 0060X

(4) Equipment: **Control damper type RKT MJ**

(5) Manufacturer: **MANDÍK, a.s.**

(6) Address: **Dobříšská 550, 267 24 Hostomice, 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 2 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°

12/0060 dated March 2012


(9) Compliance with Essential Health and Safety Requirements has been assured by compliance with:

EN 13463-1:2009; EN 13463-5: 2011

(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.

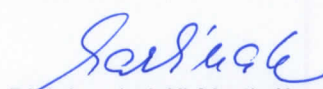
(11) This TYPE EXAMINATION CERTIFICATE relates only to the design, examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include following:

 **II 2G c TX** according to air temperature

This Type Examination Certificate is valid till: **31.03.2017**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of certification body



Date of issue: 30.03.2012

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

(13)

Schedule

(14) **Type Examination Certificate N° FTZÚ 12 ATEX 0060X**

(15) Description of Equipment:

The control dampers are regulating closures in pipelines of air conditioning. The control dampers are produced in square series in sizes according to drawings. The construction is made of zinc-plated or stainless steel plate point welded. The dampers are produced in sealed (tight) design. The regulation is usually carried out manually. The whole design of damper is interconnected and provided with earthing terminal. The possibly used explosion-proof electrical apparatus is verified separately and doesn't form part of damper.

Technical parameters:

Max. temperature of delivered air	120°C
Max. pressure difference	7500 Pa
Max. flow rate of delivered air	25 ms ⁻¹

(16) Report No.: 12/0060

7 + 2 pages

(17) Special conditions for safe use:

The explosion-proof electrical apparatus installed together with the control damper must comply the hazardous area classification according to EN 60079-10 outside and inside of control damper.

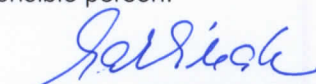
(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (9) of this certificate.

(19) LIST OF DOCUMENTATION

- Drawing No. 0388-0102-xxx on 22.03.2012
N388-5033-03 on 23.03.2012
- Instruction for use No. 081 Assembly and service rules on 23.03.2012

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