



Physical Technical Testing Institute
Ostrava – Radvanice



Supplement No. 2 to EC-Type Examination Certificate

Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 94/9/EC)

(3) EC-Type Examination Certificate Number:

FTZÚ 09 ATEX 0216X

(4) Equipment/Protective system: **Rotary Valves, Type DL-200, DL-250, DL-300**

(5) Manufacturer: **DMN Machinefabriek Noordwykerhout BV**

(6) Address: **Gieterij 3, PO Box 6, 2210 AA Noordwijkerhout, Netherlands**

(7) This supplement of certificate is valid for: - check in accordance with valid 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 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 the manufacturer shall fulfill before products are placed on market or introduce in service.

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

EN 15089:2009 EN 13463-1:2009 EN 13463-5:2011

(11) Marking of protective system shall contain symbols:

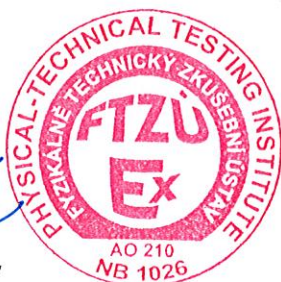


**D St2
II 1D/2GD c IIB TX**

(12) This type examination certificate is valid till: **23.02.2021**

Responsible person:

Lukáš Martinák
Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 23.02.2016

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Physical Technical Testing Institute
Ostrava – Radvanice

(15)

Schedule

(16)

Supplement No. 2 to
EC-Type Examination Certificate N° FTZÚ 09 ATEX 0216X

(15) Description of Protective system:

The object of this supplement is:

- Check in accordance with valid standards,
- Prolongation of certificate validity.

This supplement extends the certificate validity of rotary valves, type DL-200, DL-250, DL-300 for the period specified in the point (12) of this supplement and simultaneously modifies following parameters of the rotary valves, type DL-200, DL-250, DL-300 as the protective system.

The Rotary valves, type **DL-200, DL-250, DL-300** can be used for the transport of the flammable industrial dust, except the metal dusts. The combustible dust is described by the parameter of explosion $K_{st,max} = 30 \text{ MPa.m.s}^{-1}$ and their parameter $MIE > 1 \text{ mJ}$. The maximum permissible speed of the rotor cannot exceed 27 RPM for the rotary valves DL-200, DL-250 and 26 RPM for the rotary valves DL-300. Other parameters of the rotary valves, type DL are without changes and they are listed in the certificate and the supplement No. 1.

(16) Report No.: FTZÚ 09/0216/2

(17) Special conditions for safe use:

- 17.1 The maximum allowable surface temperature of the equipment results from the sum of the temperature of the conveyed material and/or ambient temperature and warming of the device $T_{medium} + 30 \text{ °C}$ and has to be mentioned in an operating manual.
- 17.2 Equipment for detection of the explosion and devices for automatically and instantaneous stopping of the Rotary valve after detection of the explosion is not subject of this certificate.
- 17.3 User has to add such equipment that upon detection of an explosion the Rotary valve will stop automatically and instantaneously.

(18) Essential Health and Safety Requirements:

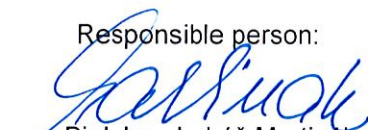
Are satisfied by requirements of standards mentioned in (10) and marking in accordance with clause 1.0.5 Annex 2 of Directive 94/9/EC for protective system, which is specified in (11) of this document.

(19) LIST OF DOCUMENTATION

Instructions for use and maintenance for rotary valves, type DL from 02/2016

The technical documentation remains unchanged. List of documentation is specified in the certificate and in the supplement No. 1.

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



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