



EN

**"MINPROEKT" EAD****CERTIFICATE**

- [1] **Module B EC-TYPE-EXAMINATION CERTIFICATE**
(Translation)
- [2] Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive 2014/34/EC (ATEX)
- [3] **Module B EC-type-examination Certificate Number: №: MP 17 ATEX 0138 U**
- [4] **Product (Equipment or protective system): "Muff type MS-X-X-X₁-X₂"**
- [5] Applicant: **JSC „VELAN”**
- [6] Address: 1 Velanovskaya str., Zelenokumsk, Stavropol Region, 357911 Russia
- [5] Manufacturer: **JSC „VELAN”**
- [6] Address: 1 Velanovskaya str., Zelenokumsk, Stavropol Region, 357911 Russia
- [7] This product (equipment or protective system) and any acceptable variation thereto are specified in details in the schedule to this certificate as well as the documents therein referred to.
- [8] Minproekt JSC, notified body No.1877 in accordance with Article 18 of the Council Directive 2014/34/EC (ATEX) of 26th February 2014, 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 equipment or protective system, intended for use in potentially explosive atmospheres, specified in Annex II of the Directive. The examination and test results are recorded in:
- Confidential Test report № 33/03.10.2014**
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012; EN 60079-1:2014; EN 60079-7:2015.
- [10] If the sign "X" is placed after the certificate number, it indicates that this equipment or protective system is subject to special conditions for safe use, specified in the schedule to this certificate.
- [11] This EC-type-examination Certificate on Module B relates only to the design and the construction of this specified equipment or protective system in accordance with Directive 2014/34/EC. This certificate does not cover the requirements of the Directive on the forthcoming procedures relating to the production process and the delivery of the product.
- [12] The marking of the equipment or protective system shall include the following:



II 2 G Ex d IIC Gb/Ex e II Gb

-60°C ≤ T_a ≤ +60°C

This certificate does not authorize the manufacturer or his authorized representative to affix the CE mark followed by the identification number of the Notified Body as well as the marketing and / or use. This certificate is a supplement to Certificate MP 14 ATEX 0138 U.



This certificate is valid till 26.10.2022

Sofia, 26.10.2017

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[13] Schedule

[14] Certificate on "Module B: EC-type-examination" No. MP 17 ATEX 0138 U (Translation)

[15] Characteristics of the type, subject to the examination

1. Technical description

The muffs are threaded metal sleeves serving to connect pipes of tubing.

Technical data of the product.

1.1. Type designation:

	MS	X	X	X ₁	X ₂
Muff					
Material of the muff					
L – brass					
N – stainless steel					
S – steel with corrosion-resistant coating					
Sort of thread: W – internal					
N - external					
Type of thread					
Metric thread with step 1,5mm:					
M20, M25, M32, M40, M50, M63;					
explosion-proof type:					
Ex d IIC; Ex e II					

1.2 Technical specifications:

- operating temperature range: -60°C + +60°C;
- relative humidity of the environment: to (98 ±2) % at temperature (35±2) °C;

2. Application field

The muffs are used as an element in the construction of pipe installations in rooms in which potentially explosive atmosphere can form.

Sofia, 2017-10-26

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Schedule

Certificate on "Module B: EC-type-examination" No. MP 17 ATEX 0138 U (Translation)

[16] Test report No 33/03.10.2014

[17] Special requirements for safety use – The Certificate is for muffs – component. The muffs are designed for a working temperature range of $-60\text{ }^{\circ}\text{C} \leq T_a \leq +60\text{ }^{\circ}\text{C}$, different from the standard.

[18] **Essential requirements**

18.1. According to Directive 2014/34/EC (ATEX) and the manufacturer instructions, the product is designed for equipment not allowed for working in zone 0 .

18.2. Other essential safety requirements are covered by the standards pointed in [9].

[19] **List of the technical record parts**

19.1. Operating Instructions

19.2. Specifications

19.3. List of standards – Muff, type MS-X-X-X₁,X₂"

19.4. Constructional documentation containing

Drawings № № ПИНЮ.302636.004 СБ; specifications ПИНЮ.302636.004 – 5 sheets; ПИНЮ.302636.005 СБ; specifications ПИНЮ.302636.005 – 5 sheets; ПИНЮ. 302636.006 СБ; specifications ПИНЮ.302636.006 – 5 sheets; ПИНЮ.302636.010 СБ; specifications ПИНЮ.302636.010 – 5 sheets; ПИНЮ.302636.011 СБ; specifications ПИНЮ.302636.011 – 5 sheets; ПИНЮ.302636.012 СБ; specifications ПИНЮ.302636.012 – 5 sheets; ПИНЮ.713361.010; ПИНЮ.713361.014; ПИНЮ.713551.008; ПИНЮ.713551.014; ПИНЮ.753128.046; ПИНЮ.753128.062; ПИНЮ.753137.009; ПИНЮ.753137.018; ПИНЮ.754152.021; ПИНЮ.758412.031.

Sofia, 2017-10-26

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