

(1) EU-TYPE EXAMINATION CERTIFICATE



- (2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - Directive 2014/34/EU
- (3) EU-Type Examination Certificate Number

TÜV 21 ATEX 8665 X

Issue: 00

- (4) Equipment: **Hygrovision mini**
- (5) Manufacturer: **LLC SPA Vympel**
- (6) Address: **11 Shkolnyi Proezd, Dedovsk 143530
Moskauer Region, Russia**
- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV Rheinland Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26th February 2014, certifies this product which has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.
The examination and test results are recorded in the confidential report 557/Ex8665.00/21
- (9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:
EN IEC 60079-0: 2018 EN 60079-1: 2014 EN 60079-11: 2012
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EU-Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.
- (12) The marking of the equipment shall include the following:



II 2 G Ex db ib IIB+H2 T5 Gb

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2022-02-22

Dipl.-Ing. Christian Mehrhoff



This EU-Type Examination Certificate without signature and stamp shall not be valid.
This EU-Type Examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the TÜV Rheinland Industrie Service GmbH TÜV Rheinland Group Am Grauen Stein 51105 Köln
Tel. +49 (0) 221 806-0 Fax. + 49 (0) 221 806 114



(13) Annex

(14) **EU Type Examination Certificate**
TÜV 21 ATEX 8665 X Issue: 00

(15) Description of equipment

15.1 Equipment and type:

Hygrovision-mini

15.2 Description / Details of Change

General product information

The Hygrovision-mini water dew point and hydrocarbon condensation temperature meter (the meter) is a self-powered hand-held chilled-mirror visual instrument.

The meter can be used in the gas, oil and chemical industries, and for applications in metallurgy, the energy sector, instrument engineering and other sectors to monitor the quality of technological processes. It can be used in hazardous gas atmospheres of up to zone 1.

Technical Data

Electrical data:

$U_{bat} < 12,6V$

$P < 15W$

Environmental data

$-10^{\circ}C \leq T_a \leq 50^{\circ}C$

(16) Test-Report No. 557/Ex8665.00/21

(17) Special Conditions for safe use

1. Do not open if hazardous gas atmosphere is present.
2. The minimum number of engaged threads must be 8.

This EU Type Examination Certificate without signature and official stamp shall not be valid.
This certificate may be circulated without alteration. Extracts or alterations are subject to approval by:
Zertifizierungsstelle of TÜV Rheinland Industrie Service GmbH

(18) Basic Safety and Health Requirements

Covered by afore mentioned standard

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2022-02-22

Dipl.-Ing. Christian Mehrhoff



This EU Type Examination Certificate without signature and official stamp shall not be valid.
This certificate may be circulated without alteration. Extracts or alterations are subject to approval by:
Zertifizierungsstelle of TÜV Rheinland Industrie Service GmbH