

(1) **Certificate of Conformity**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**

(3) Certificate Number

EPS 24 ATEX 2 145 X

Revision 0

(4) Equipment: RLT Gerät DIWER / DIWER TE / DIWER PU / DIWER TE-PU

(5) Manufacturer: Weger Walter GmbH

(6) Address: Handwerkerzone 5
39030 Kiens/Ehrenburg
Italy

(7) This equipment and any acceptable variation thereto are specified in the annex to this Certificate of Conformity and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH certifies based on a voluntary assessment that this equipment 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 atmospheres, given in Annex II of the Directive 2014/34/EU. The examination and test results are recorded in the confidential documentation under the reference number 24TH0176.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN ISO 80079-36:2016

EN ISO 80079-37:2016

(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 annex to this certificate.

(11) This Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

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

 See description of equipment



Certification department of explosion protection

Tuerkheim, 2024-08-28

Ulrich Feike



(13)

Annex

(14) **Certificate of Conformity EPS 24 ATEX 2 145 X**

Revision 0

(15) Description of equipment:

The device is used to treat air. This includes filtering, heating, cooling, humidifying and dehumidifying air in potentially explosive atmospheres. All electrical and mechanical built-in appliances and purchased parts are suitable for installation in Zone 1 and Zone 2 potentially explosive atmospheres. The ambient temperature range and the temperature class result from the most unfavourable parameters of the devices used. The paint layer thickness is at a maximum thickness of 2 mm for gas groups IIA and IIB and for the gas group IIB + H2 to a maximum thickness of 0.2 mm.

Second manufacturer location:

WEGER Hungária Kft.
Kossuth Lajos utca 85.
5123 Jászárokszállás
Hungary

Markings:

Ex II 2G Ex h IIA/IIB/IIB+H2 T3/T4 Gb (inside and outside)
Ex II 2G Ex h IIA/IIB/IIB+H2 T3/T4 Gb (inside)
Ex II 3G Ex h IIA/IIB/IIB+H2 T3/T4 Gc (outside)
Ex II 3G Ex h IIA/IIB/IIB+H2 T3/T4 Gc (inside)
Ex II 2G Ex h IIA/IIB/IIB+H2 T3/T4 Gb (outside)
Ex II 3G Ex h IIA/IIB/IIB+H2 T3/T4 Gc (inside and outside)
Ex II 2G Ex h IIA/IIB/IIB+H2 T3/T4 Gb (inside) (for outside installation)
Ex II 3G Ex h IIA/IIB/IIB+H2 T3/T4 Gc (inside)
Ex II 3G Ex h IIA/IIB/IIB+H2 T3/T4 Gc (outside)

(16) Reference number: 24TH0176

(17) Special conditions for safe use:

The measures listed in the manufacturer's documentation to ensure safe operation must be observed by the end user.

It must be ensured during operation that there is a sufficient distance between the media temperature and the minimum ignition energy of the potentially explosive mixture.

During on-site installation, it must be ensured that the device connection and the earthing of all components is and remains guaranteed. All metal parts of the appliance must be included in the local potential equalization measures.

Ambient Temperature: $-20\text{ °C} \leq T_{\text{amb}} \leq +40\text{ °C}$

If suitable devices and components are used, the maximum temperature range is extended to $+60\text{ °C}$



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(18) Essential health and safety requirements:

Met by compliance with standards.



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Tuerkheim, 2024-08-28