



(1) **EU-TYPE EXAMINATION CERTIFICATE**
(Translation)

(2) Equipment or Protective Systems Intended for Use in
Potentially Explosive Atmospheres - **Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number:

PTB 15 ATEX 5001 X

Issue: 2

(4) Product: Fassentleerungssystem mit Nachfolgeplatte Typ VISCOFLUX lite Ex

(5) Manufacturer: Flux-Geräte GmbH

(6) Address: Talweg 12, 75433 Maulbronn, Deutschland

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential Test Report PTB Ex 21-51164.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 80079-36:2016

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

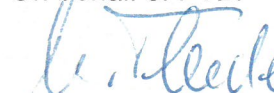
(12) The marking of the product shall include the following:

 **II 1 G Ex h IIB T6...T4 Ga**

Konformitätsbewertungsstelle, Sektor Explosionsschutz

Braunschweig, August 2, 2021

On behalf of PTB:


Dr.-Ing. M. Thedens
Regierungsdirektor





SCHEDULE

(13)

(14) **EU-Type Examination Certificate Number PTB 15 ATEX 5001 X, Issue: 2**

(15) Description of Product

The VISCOFLUX lite Ex drum emptying system is used for draining highly viscous media from lidded drums. The system consists of a category-1 pump, a category-2 pump drive unit, a pump centring bracket and a follower plate. Inside the tanks, category-1 requirements apply. All other parts are subject to category-2 requirements.

Modifications: The marking is harmonised with the requirements of EN ISO 80079-36:2016.

(16) Test Report PTB Ex21-51164

Parts of the drum emptying system that have passed an appropriate conformity assessment procedure and meet the requirements of the corresponding category were not tested and assessed again in connection with this test report (e.g. drive motor or eccentric screw pump). These parts can be used, if they have passed one of the Directive 2014/34/EU conformity assessment procedures that are prescribed by law, and conform with the installation conditions.

(17) Specific conditions of use

Production:

- The drum emptying system must be subjected to a routine test as part of a functional test. Only faultless materials may be used.
- Conformity with the engineering documents has to be checked.
- Connecting elements must be locked in a suitable manner.
- The resistance of the hose that is connected at the drum emptying system must not exceed 10^6 ohms between the ends of the hose.

Operation:

- Before the drum emptying system is put into service, the system must be included in the equipotential bonding system, i.e. equipotential bonding of the follower plate and the pump centring bracket, the pump pipe with the tank (drum), equipotential bonding of the motor with the tank (drum) or the pump pipe, if the pump pipe and the drive motor are not conductively connected. The tank must be earthed separately, if earthing is not already provided with the type of installation.


(18) Essential health and safety requirements

Met by compliance with the aforementioned standards.

Konformitätsbewertungsstelle, Sektor Explosionsschutz

Braunschweig, August 2, 2021

On behalf of PTB:


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Regierungsdirektor



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EU-Type Examination Certificates without signature and official stamp shall not be valid. The certificates may be circulated only without alteration. Extracts or alterations are subject to approval by the Physikalisch-Technische Bundesanstalt. In case of dispute, the German text shall prevail.