



(1) **Conformity Statement**

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres - **Directive 94/9/EC**
- (3) Test certificate number: **SEV 08 ATEX 0114**
- (4) Equipment: Gassing unit module type LW-FDA-**** bzw. LW-CBS-****
- (5) Manufacturer: Lüber GmbH
- (6) Address: Technische Anlagen, Bahnhofstrasse 26/28, CH-9602 Bazenhaid
- (7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) Electrosuisse SEV certifies 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 to the Directive.
The results of the examination are recorded in confidential report no. 06-IK-0318.02 incl. extension 1.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:
EN 1127-1:11
- (10) If the sign «X» is placed after the certificate number, it indicates that the equipment is subjected to special conditions for safe use specified in the schedule to this certificate.
- (11) This Conformity Statement relates only to the design and construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this directive apply to the manufacture and the placing on the market of this equipment.
- (12) The marking of the equipment shall include the following:

 **II 2G, T165°C/T190°C/T210°C**

 **Electrosuisse
Notified Body ATEX**

Martin Plüss
Product Certification



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(13)

Appendix

(14)

Conformity Statement

(15) Description of the equipment

The LÜBER LW-FDA-**** or LW-CBS-**** gassing unit module serves for hardening foundry sand cores produced by the Cold Box process. Explosion-protected flow heaters are installed in the gassing units for gassing the liquid catalysts. Multiple flow heaters are installed in gassing units depending on the required capacity.

An evaporator temperature of 80-130°C is used depending on the particular type of catalyst. The amine gas produced is fed to the core box in a stream of compressed air that also flows through the heater modules.

The sand cores are hardened during the controlled rise of pressure in the process and subsequently rinsed to reduce odour.

(16) Test Report

06-IK-0318.02 incl. extension 1

(17) Special conditions for safe use

None

(18) Fundamental essential health and safety requirements

Fulfilled by the standards applied



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