



(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 0121**

(4) Equipment: CSO screen (type designation see page 2)

(5) Manufacturer: ROMAG aquacare ag

(6) Address: Haltaweg 3, CH-3186 Düringen

(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. 07-IK-0356.02.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:  
**EN 1127-1:11                      EN 13463-1:09                      EN 13463-5:11**

(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 IIB T4**

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(13)

## Appendix

(14)

### Conformity Statement

(15) Description of the equipment

The CSO screen is a unit to clean mechanically the stormwater overflow in the sewer system. In time of excessive rainfall or storm, the high contamination shares has to be discharged in the next receiving water. Installed at the overflow weir, the screen is filtering out the solids with a cleaning carrier equipped with combs. These combs transports the collected solids back in to the sewer.

Depending on the type of works, the CSO screens are installed in a horizontal or vertical position.

In dry weather periods, there is a automatic control run of the cleaning carrier once the week.

Type designation: RSW ... , RSWc ..., RSWs ..., RSW-K ..., RSO ..., RSU ..., RSS ...

The points in the designation will be replaced by model codes, no relevant for explosion protection or general safety.

Dimensioning:

See manufacturers specifications.

The mechanical dimensions of the units can be adapted to the works.

According to Directive 94/9/EC (ATEX 95), Appendix I, the CSO screen is a device of equipment group II, category 2G, which according to Directive 99/92/EC (ATEX 137) can be used in zone 1 and 2 and gas groups IIA and IIB, which are potentially explosive due to the presence of flammable materials in the temperature classes T1 to T4.

For use/installation, the requirements of EN 60079-14 are applicable.

The permissible ambient temperature range is -20 °C to +40 °C.

For installation, operation and maintenance read user manual!

(16) Test Report

07-IK-0356.02

(17) Special conditions for safe use

none

(18) Fundamental essential health and safety requirements

Fulfilled by the standards applied.



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