



# (1) EC-Type Examination Certificate

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 94/9/EC

(3) No. of the EC-Type Examination Certificate: **BVS 08 ATEX H 052 X**

(4) **Equipment:** Agitators of type container agitators, variants ARW, HRW, CRW, and SRW with the following individual components: agitator lantern RLZ, sealing flange DFZ, quick-change coupling SWK

(5) **Manufacturer:** planetroll GmbH & Co. KG

(6) **Address:** Brunnenbergstraße 11-13  
89597 Munderkingen, Germany

(7) The design and construction of this component and any acceptable variation thereto are specified in the schedule to this EC-Type Examination Certificate.

(8) The certification body of DEKRA EXAM GmbH, Notified Body No. 0158 according to Article 9 of Directive 94/9/EC of the European Parliament and the Council of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in the test and assessment report BVS PP 100/318/08 EG.

(9) The Essential Health and Safety Requirements are assured by compliance with:

- DIN EN 13463-1:2009, Non-electrical equipment intended for use in potentially explosive atmospheres, part 1: basic methods and requirements
- DIN EN 13463-5:2004, Non-electrical equipment intended for use in potentially explosive atmospheres, part 5: protection by constructional safety 'c'
- CLC/TR 50404:2003 Technical Report, Electrostatics. Code of practice for avoidance of hazards due to static electricity

(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 appendix to this certificate.

(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate

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

II 1/2 G c IIB T4 -10 °C ≤ Ta ≤ 40 °C    or    II 1/2 G c IIB T3 -10 °C ≤ Ta ≤ 40 °C

**DEKRA EXAM GmbH**

Bochum, dated 2<sup>nd</sup> July 2009

Signed: Simanski

Signed: Dr. Hübner

Certification body

Special services unit