



1. **TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC**

3. Reference: **VTT 13 ATEX 051X**
4. Equipment: **Dust monitor**
- Certified type: **DUMO Ex or DUMO RF Ex**
5. Manufactured by: **Sintrol Oy**
6. Address: **Ruosilantie 15
FI-00390 Helsinki
Finland**

7. This equipment and any acceptable variations thereto is specified in the schedule and possible supplement(s) to this Certificate and the documents therein referred to.

8. VTT Expert Services Ltd, Certification Body number S017, accredited by the Finnish Accreditation Service (FINAS), 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 system intended for use in potentially explosive atmospheres given in Annex II to European Union Directive 94/9/EC of March 1994 relating to the design and construction of Category 3 equipment intended for use in potentially explosive atmospheres.

The examination and test results are recorded in confidential Report No. VTT-S-08912-13.



9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with the Standards:

EN 60079-0 (2012)
EN 60079-31 (2009)

10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this Certificate.
11. This Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
12. The marking of the equipment or protective system shall include the following:



II 3 D
Ex tc IIIB T80 °C Dc

Espoo, 17.12.2013

VTT Expert Services Ltd

Kari Koskela
Expert

Martti Siirola
Senior Expert



