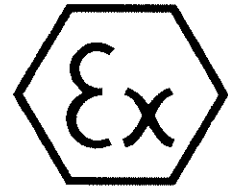


Intertek ETL SEMKO



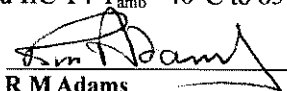
1. EC-TYPE EXAMINATION CERTIFICATE
2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**
3. EC-Type Examination Certificate Number: **ITS03ATEX11187 Issue 2**
4. Equipment or Protective System: **TYPE R-2HT PRESSURE TRANSMITTER**
5. Manufacturer: **DELTA CONTROLS LTD.**
6. Address: **West Molesey
Surrey KT8 2UZ**
7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
8. Intertek Testing and Certification Limited, notified body number 0359 in accordance with Article 9 of the Council Directive 94/9/EC of 23rd March 1994, certifies that this equipment or protective system 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 examination and test results are recorded in confidential Report Number:
Intertek Report Ref 02009440 Issue 2, dated April 2004
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 50014: 1997, EN 50018: 2000
except in respect of those requirements referred to at item 18 of the Schedule.
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. The EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment or protection 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 2 G, EEx d IIC T6 T_{amb} -40°C to 60°C or EEx d IIC T4 T_{amb} -40°C to 85°C

Intertek Testing & Certification Limited
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977
<http://www.uk.etlsemko.com>
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA


R M Adams
Certification Manager
7 April 2004

This certificate may only be reproduced in its entirety and without any change, schedule included and is subject to Intertek Testing and Certification Conditions for Granting Certification.

ITS Intertek Testing Services

13. **Schedule**

14. **EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS03ATEX11187 Issue 2**

15. **DESCRIPTION OF EQUIPMENT OR PROTECTIVE SYSTEM**

The R-2HT Pressure Transmitter comprises a pressure sensor and electronics which converts pressure into a 4-20 mA or HART® protocol signal. The electronics are located in an investment cast stainless steel housing with a threaded cover, which is locked against loosening. The cover may optionally be provided with a cemented-in glass window to enable observation of the internal display.

Both internal and external earthing facilities are provided.

A cable entry hole is provided for the accommodation of a suitable certified flameproof cable gland, with or without the interposition of a suitable certified flameproof thread adapter.

16. **REPORT NUMBER**

Intertek Report Ref 02009440 Issue 2, dated April 2004

17. **SPECIAL CONDITIONS FOR SAFE USE**

None

18. **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (ESHR'S)**

The relevant EHSR's that have not been addressed by the standards listed in this certificate have been identified and assessed in Intertek Report Ref 02009440 issue 2, dated April 2004.

19. **DRAWINGS**

Number	Issue	Date	Description
14649 Sheet 1	A	12.5.03	ATEX approval drawing for R-2HT
14649 Sheet 2	A	12.5.03	ATEX approval drawing for R-2HT

VARIATION ONE

Alternative cover construction from solid stainless steel with the window mounted as a flat flanged joint and secured with a threaded ring.
The code is EEx d IIB + H2 T6 T_{amb} -40°C to 60°C or EEx d IIB+H2 T4 T_{amb} -40°C to 85°C.

Intertek Testing & Certification Limited
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977
<http://www.uk.etlsemko.com>
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

This Certificate is the property of Intertek Testing and Certification Ltd
and is subject to Intertek Testing and Certification Conditions for Granting Certification .