

**Intertek ETL SEMKO**



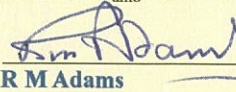
1. **EC-TYPE EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**
3. EC-Type Examination Certificate Number: **ITS03ATEX11187 Issue 2**
4. Equipment or Protective System: **TYPE R-2HT PRESSURE TRANSMITTER**
5. Manufacturer: **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 23 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<sub>amb</sub> -40°C to 60°C or EEx d IIC T4 T<sub>amb</sub> -40°C to 85°C

**Intertek Testing & Certification Limited**  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
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<http://www.uk.etlsemko.com>

Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

  
**R M Adams**  
Certification Manager  
7 April 2004

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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<sup>®</sup> 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<sub>amb</sub> -40°C to 60°C or EEx d IIB+H2 T4 T<sub>amb</sub> -40°C to 85°C.

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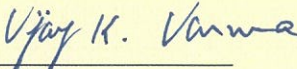


1. **SUPPLEMENTARY EC TYPE-EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**
3. Supplementary EC-Type Examination Certificate Number: **ITS03ATEX11187/1**
4. Equipment or Protective System: **TYPE R-2HT PRESSURE TRANSMITTER**
5. Manufacturer: **Delta Controls Ltd**
6. Address: **West Molesey, Surrey KT8 2UZ**
7. This supplementary certificate extends EC-Type Examination Certificate Number ITS03ATEX11187 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said Certificate but having variations specified in the Schedule attached to this certificate and the documents therein referred to.

Intertek report reference G101210845 Issue 1 dated August 2013

This Supplementary Certificate shall be held with the original Certificate

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V K Varma  
Certification Officer  
13 August 2013

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## Schedule

### SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS03ATEX11187/1

#### Description of the Variation to the Equipment or Protective System

#### VARIATION

The **Type R-2HT Pressure Transmitter** has been assessed against and found to be in compliance with the following standards:

- EN 60079-0:2012.
- EN 60079-1:2007

The marking of the apparatus now becomes:

Ex II 2 G Ex d IIC T6 Gb T<sub>amb</sub> -40°C to 60°C or Ex d IIC T4 Gb T<sub>amb</sub> -40°C to 85°C

#### Special Conditions for Safe Use

None

#### Essential Health and Safety Requirements

See original certificate.

#### DRAWINGS

Number	Title	Issue	Date
14649 Sheet 1	ATEX Approval Drawing for R-2HT Smart Transmitter Ex d	B	13/08/2013
14649 Sheet 2	ATEX Approval Drawing for R-2HT Smart Transmitter Ex d	B	13/08/2013

*This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.*

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2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**
3. EC-Type Examination Certificate Number: **ITS03ATEX11187/2**
4. Equipment or Protective System: **TYPE R-2HT PRESSURE TRANSMITTER**
5. Manufacturer: **DELTA CONTROLS Ltd**
6. Address: **Dogflud Way, Farnham GU9 7SS**
7. This supplementary certificate extends EC-Type Examination Certificate Number to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said Certificate but having variations specified in the Schedule attached to this certificate and the documents therein referred to.

Intertek Project No G101864764.

This Supplementary Certificate shall be held with the original Certificate(s).

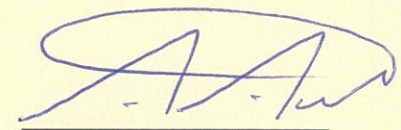
ITS03ATEX11187X Issue 2 dated 7 April 2004

ITS03ATEX11187X /1 dated 13 August 2013

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**A T Austin**  
Certification Officer  
Date: 9 April 2015



SCHEDULE

SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS03ATEX11187/2

VARIATION 2

Description of the Variation to the Equipment or Protective System.

To permit the following change: -

- Company moved address:

Formerly held by:  
DELTA CONTROLS Ltd  
West Molesey, Surrey KT8 2UZ

Are now deemed to be held by:  
DELTA CONTROLS Ltd  
Dogflud Way, Farnham GU9 7SS

Report No.:

Intertek Report Ref.: Intertek Project No G101864764.

CONDITIONS OF CERTIFICATION:

- (a). Special Conditions for safe use
- There are no additional conditions, see previous certificates.
- (b). Conditions For Use (Routine Tests)
- There are no additional conditions, see previous certificates.

Essential Health and Safety Requirements (EHSR's)

See original certificate, the listed change to the Equipment or Protective System has not altered compliance.

Drawings and Documents

Number	Title	Issue	Date
14649 Sheet 1	ATEX Approval Drawing for R-2HT Smart Transmitter Ex d	C	28/10/2014
14649 Sheet 2	ATEX Approval Drawing for R-2HT Smart Transmitter Ex d	C	28/10/2014

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