

# 1 EU - TYPE EXAMINATION CERTIFICATE

## 2 Product or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU – Annex III

3 EU - Type Examination Certificate No.: **EMT16ATEX0050X**

4 Product: **Temperature transmitter configuration device - USBTTX Config**

5 Manufacturer: **Status Instruments Ltd.**

6 Address: **Status Business Park, Gannaway Lane, Tewkesbury, Gloucestershire,  
GL20 8FD, United Kingdom**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Element Materials Technology, Notified Body number 0891, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in the confidential report **TRA-030696-33-01A**.

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


**EN 60079-0:2012/A11:2013 EN 60079-11:2012**

Except in respect of those requirements listed at section 18 of the schedule.

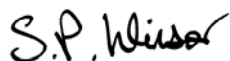
10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to specific conditions of use specified in the schedule to this certificate.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of this product shall include the following:

 **II (1) GD [Ex ia]**

This certificate and its schedules may only be reproduced in its entirety and without change. This certificate is issued in accordance with the Element Materials Technology Ex Certification Scheme.



S P Winsor, Certification Manager

Issue date: 2017-01-16

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**13 SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE**

**14 EMT16ATEX0050X**

**15 Description of Product**

The USBTTX Config is an associated apparatus interfacing device which allows for configuration of compatible Status Instruments temperature transmitters when located in the safe area.

The USBTTX Config provides a buffer between a computers USB connection and the intrinsically safe connections to ensure that elevated voltages or transient conditions from the computer cannot reduce the safety of a connected temperature transmitter. The PC USB connection connects via a 3.5 mm socket and the temperature sensor connects via a 3.5 mm jack plug to the USBTTX equipment.

$U_m = 250 \text{ Vac}$

**16 Test report No. (associated with this certificate issue):** TRA-030696-33-01A.

**17 Specific Conditions of Use**

1. Indoor use only
2. The temperature sensor must be located in the safe area when being used with the USBTTX Config.
3. For use with TTC200X, TTR200X, SEM1801XTC – SEM1802XTC and SEM1801XR – SEM1802XR temperature sensors certified under IECEx TRC 10.0008X & TRAC09ATEX11232X

**18 Essential Health and Safety Requirements (Directive Annex II)**

In addition to the Essential Health and Safety Requirements covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

<u>Clause</u>	<u>Subject</u>
None	None

**19 Drawings and Documents**

The list of controlled technical documentation is given in Appendix A to this schedule.

**20 Routine Tests**

None.

**21 Specific Conditions for Manufacture**

None.

22 Photographs



Jack Plug connects to the Temperature transmitter to be programmed.  
Socket connects to USB port on PC.

23 Details of Markings



Details of Variations to this Certificate

24

- None

Notes to CE marking

25

In respect of CE Marking, Element Materials Technology accepts no responsibility for the compliance of the product against all applicable Directives in all applications.

**26 Notes to this certificate**

Element Materials Technology certification reference: **TRA-030696-32-01**.

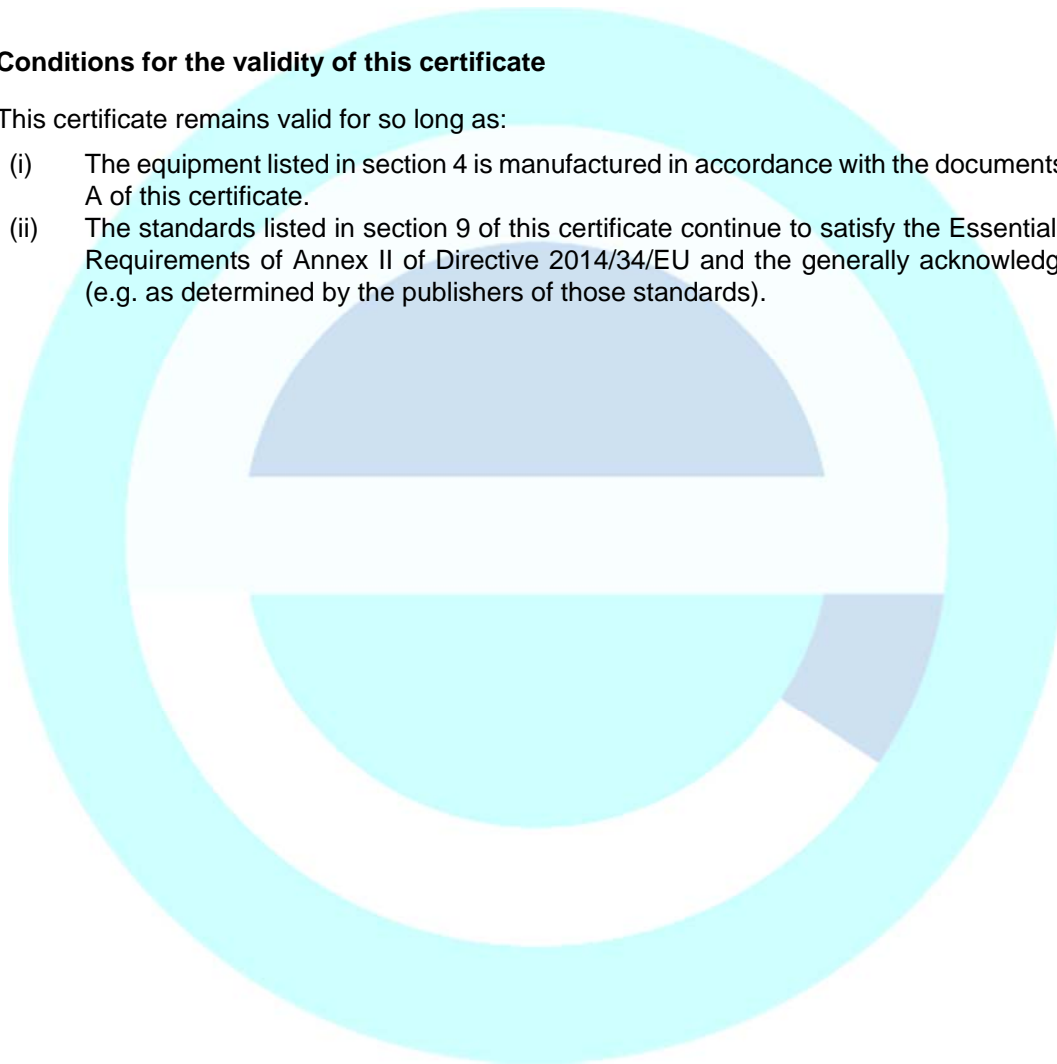
Throughout this certificate, the date format yyyy-mm-dd (year-month-day) is used.

Notified Body 0891 is the designation for Element Materials Technology Warwick Ltd (formerly known as TRaC Global Ltd).

**27 Conditions for the validity of this certificate**

This certificate remains valid for so long as:

- (i) The equipment listed in section 4 is manufactured in accordance with the documents listed in Appendix A of this certificate.
- (ii) The standards listed in section 9 of this certificate continue to satisfy the Essential Health and Safety Requirements of Annex II of Directive 2014/34/EU and the generally acknowledged state of the art (e.g. as determined by the publishers of those standards).



CONTINUATION OF SCHEDULE TO CERTIFICATE EMT16ATEX0050X

APPENDIX A - TECHNICAL DOCUMENTS

Title:	Drawing No.:	Rev. Level:	Date:
USBTTX CONFIG CIRCUIT DIAGRAM	S5135	01-02	2016-09-21
USBTTX CONFIG PCB DRAWING	S5136	02-01	2016-09-21
USBTTX CONFIG SUB ASSY	S5137	01-02	2016-09-21
USBTTX CONFIG GENERAL ASSY DRAWING	S5138	01-01	2016-07-14
TTR CONFIGURATOR BILL OF MATERIALS	Z1642	01-03	2016-09-29
CN5370 USBTTX Config User Guide	D2598	01-01	*

\* Information not provided by the manufacturer.

