

EU - TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU

3 EU - Type Examination Certificate Number: **Baseefa17ATEX0089X**

4 Product: **Type TX 4797 Slipring Unit**

5 Manufacturer: **T.E.L. Engineering Limited (Trading as Trolex Engineering)**

6 Address: **Unit 2 Levens Road, Newby Road Industrial Estate, Hazel Grove,
Stockport, Cheshire, SK7 5DL**

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

8 SGS Baseefa, Notified Body number 1180, 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 confidential Report No. 17(C)0147

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

EN60079-0: 2012 + A11: 2013 EN60079-1: 2014 EN60079-7: 2015

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign “X” is placed after the certificate number, it indicates that the product is subject to the 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 the product shall include the following :

Ex II 2 G Ex db eb IIB T6 Gb T_{amb} -20°C to +45°C

UNCONTROLLED DOCUMENT
THIS DOCUMENT IS NOT
SUBJECT TO AMENDMENTS

T.E.L. ENGINEERING LIMITED

SGS Baseefa Customer Reference No. 1428

Project File No. 17/0147

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TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa17ATEX0089X**

15 **Description of Product**

The Type TX 4797 Slipring Unit is a fabricated stainless steel unit and incorporates sliprings and bushgear in a flameproof enclosure. It also comprises of three increased safety terminal chambers, two are on the input side of the sliprings and one on the output side.

In service the slipring unit has the potential for a 10" bore process pipe to pass through it, the maximum process temperature is 111°C.

16 **Report Number**

17(C)0147

17 **Specific Conditions of Use**

1. The cable entry devices used on the terminal arrangements must maintain the IP54 minimum of the enclosures.
2. The Slipring unit must only be mounted vertically.
3. There must be a minimum radial gap of 25mm between the central bore of the slipring unit and the centrally mounted process pipe.

18 **Essential Health and Safety Requirements**

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

Clause	Subject	Compliance
1.2.7	LVD type requirements	Standards require manufacturer's declaration, supplied.
1.2.8	Overloading of equipment (protection relays, etc.)	Covered by installation rules and manufacturer's instructions
1.4.1	External effects	The Purchaser should make the manufacturer aware of such issues. Covered in Instructions
1.4.2	Aggressive substances, etc.	The Purchaser should make the manufacturer aware of such issues. Covered in Instructions

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
1/4797/100	1-5	B	23 June 2017	Certification General Arrangement