

1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EU - Type Examination Certificate Number: **Baseefa11ATEX0024/3X**

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

4 Product: **Temperature Housings and Probes**

5 Manufacturer: **Acez Sensing Pte Limited**

6 Address: **2 Joo Koon Circle, 629031, Singapore**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa11ATEX0024** to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that the product, as modified by this supplementary certificate, 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.


8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

9 Item 9 of the original Certificate is replaced by “Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0: 2018 EN 60079-1: 2014 EN 60079-7: 2015

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

12 The marking of the equipment has changed from the original Certificate and shall include the following:

 **II 2G Ex db eb IIC T* Gb (Ta = -**°C to +**°C) */** - See Schedule**

SGS Fimko Oy Customer Reference No. **6462**

Project File No. **18/0745**

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Manager

13 **Schedule**

14 **Certificate Number Baseefa11ATEX0024/3X**

15 **Description of the variation to the Product**

Variation 3.1

To clarify the type name as the Temperature Detector Type 2010 WT or Temperature Detector Type 2010 SLT or Temperature Detector Type 2010 BT.

Housing	Probe	Marking
Type AS-XD (A/S) Type 1080St / 1080WT Type XD-AD	Type 2010 SLT or Type 2010 WT	⊕ II 2G Ex db eb IIC T5 Gb (Ta = -30°C to +80°C) or ⊕ II 2G Ex db eb IIC T6 Gb (Ta = -30°C to +65°C)
Type 1080St / 1080WT	Type 2010 BT	⊕ II 2G Ex db eb IIC T6 Gb (Ta = -40°C to +65°C)
Type AS-XD (A/S)	Type 2010 BT	⊕ II 2G Ex db eb IIC T6 Gb (Ta = -30°C to +65°C)
Type XD-AD	Type 2010 BT	⊕ II 2G Ex db eb IIC T6 Gb (Ta = -20°C to +65°C)

Variation 3.2

To confirm that the equipment been reviewed against the requirements of IEC 60079-0: 2017, IEC 60079-1: 2014 and IEC 60079-7: 2015.

Variation 3.3

To introduce Specific Conditions of Use

Variation 3.5

To note the new IECEx Ex component certificate number for the Type XD-AD housing to IECEx FTZU 14.0003U. The old Type XD-AD housing certificate number of IECEx FMG 06.0003U is deleted form certification.

16 **Report Number**

SGS Baseefa certification report GB/BAS/ExTR19.0155/00.

17 **Specific Conditions of Use**

The following two Specific Conditions of Use have been introduced:-

1. When fitted, The Spring Loaded Type (SLT) temperature probes have a flamepath length of 17 mm.
2. The welded (WT) and spring loaded (SLT) temperature probes minimum bend radius shall be 300 mm or greater. The bend type (BT) temperature probe has a minimum bend radius of 26 mm.

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is affected as follows.

Clause	Subject	Compliance
1.2.7	LVD type requirements	Pass
1.2.8	Overloading of equipment (protection relays, etc.)	Pass
1.4.1	External effects	Pass
1.4.2	Aggressive substances, etc.	Pass

19 Drawings and Documents

The following drawings supersede and replace all previous drawings.

Number	Sheets	Issue	Date	Description
AS-SLT-01**	1	2	25-06-2019	Explosion Proof Sensor Assembly, Hexagonal Spring Loader, Terminal Block with Housing
AS-SLT-02**	1	2	25-06-2019	Explosion Proof Sensor Assembly, Hexagonal Spring Loader, Transmitter with Housing
AS-WT-01**	1	2	25-06-2019	Explosion Proof Sensor Assembly, Hexagonal Welded Fitting, Terminal Block with Housing
AS-WT-02**	1	2	27-06-2019	Explosion Proof Sensor Assembly, Hexagonal Welded Fitting, Transmitter with Housing
AS-BT-02**	1	1	25-06-2019	RTD Sensor Assembly Bend Type (With Housing)
AS-BT-04**	1	1	25-06-2019	RTD Sensor Assembly Bend Type (With Housing) [With Nipple]
AS-TP-01**	1	0	25-06-2019	Certification Tag Plate-01 (T5 Rating for three heads)
AS-TP-02**	1	0	25-06-2019	Certification Tag Plate-02 (T6 Rating for three heads)
AS-TP-05**	1	0	25-06-2019	Certification Tag Plate-05 (T6 rating) (BT three heads)

** These drawing are common to Baseefa11ATEX0024X and IECEx BAS 12.0057X and are held with the latter.