IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	**IECEx BAS 16.0131X**	Page 1 of 4	Certificate history:
Status:	**Current**	Issue No: 5	Issue 4 (2024-12-02) Issue 3 (2021-08-12) Issue 2 (2018-08-15) Issue 1 (2018-07-18) Issue 0 (2017-03-15)
Date of Issue:	2026-10-16		
Applicant:	**TPI Europe** Unit 6, Rutherford Way Ind Estate Rutherford Way Crawley RH10 9LN **United Kingdom**		
Equipment:	**Vib Meter Type 9080-Ex**		
Optional accessory:			
Type of Protection:	**Intrinsic Safety**		
Marking:	**Ex ib IIC T4 Gb (-20°C ≤ Ta ≤ +40°C)**		

Approved for issue on behalf of the IECEx Certification Body: **P Oates**

Position: **Engineering Manager**

Signature: (for printed version)



Date: (for printed version) 16/10/2026

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

SGS UK Limited
Rockhead Business Park
Staden Lane
Buxton, Derbyshire SK17 9RZ
United Kingdom

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Certificate No.: **IECEx BAS 16.0131X**

Date of issue: 2026-10-16

Issue No: 5

Manufacturer: **Summit Co., Ltd**
58
Gaetbeol-ro Yeonsu-gu
Incheon 21999
Korea, Republic of

Manufacturing locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

GB/BAS/ExTR16.0397/00
GB/BAS/ExTR16.0397/01
GB/BAS/ExTR18.0201/00
GB/BAS/ExTR21.0139/00
GB/SGS/ExTR24.0192/00
GB/SGS/ExTR26.0105/00

Quality Assessment Report:

GB/BAS/QAR22.0009/02

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The Vib Meter Type 9080-Ex is a vibration meter that can be used to take measurements of vibration using a cable connected (intrinsically safe) accelerometer. The vibration meter can display vibration in a variety of different formats such as overall values of acceleration, velocity or displacement, frequency spectra or vibration in various frequency bands centered on multiples of a machine's running speed for example.

The vibration meter comprises a handheld unit with processor PCB, RF module, display and keypad. The keypad is used to initiate readings and navigate through the various vibration display formats.

The unit is battery powered using two Energizer L91 type AA cells, which may only be changed in the non-hazardous area, that are fitted via a battery compartment lid that is attached by 6 screws to the rear of the instrument.

The only electrical connection that can be made to the vibration meter is the connection of an intrinsically safe accelerometer via an integral BNC connector.

The accelerometer BNC connector has the entity parameters:

Uo	=	21.42 V
Io	=	75 mA
Po	=	400 mW
Ci	=	0 F
Li	=	0 H
Co	=	100 nF
Lo	=	3.00 mH

The Vib Meter Type 9080-Ex may also be labelled as the following equipment:

- Bruel & Kjaer Vibro GmbH Vibrostore VST-100E.
- Wilcoxon MachineryMate MAC800-IS.

SPECIFIC CONDITIONS OF USE: YES as shown below:
1. The elastomeric boot shall be fitted to the instrument at all times when used in the hazardous area.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Variation 5.1

To permit the use of alternative RF modules, replacing Bluetooth only modules, and additional minor electrical changes. The equipment description has been amended accordingly

ExTR: **GB/SGS/ExTR26.0105/00**	File Reference **26/0344**