



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 QPS 19.0007X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 2	Issue 1 (2021-10-22) Issue 0 (2019-05-10)
Date of Issue:	2024-10-02		
Applicant:	Zelentech Pte Ltd 55 Serangoon North Avenue 4 #04-05, S9 Building Singapore 555859 Singapore		
Equipment:	Water in Oil Monitor		
Optional accessory:			
Type of Protection:	"d"		
Marking:	IECEX QPS 19.0007X Ex db IIC T4 Gb Ta=-20°C to +60°C		

Approved for issue on behalf of the IECEx
Certification Body:

Marco Erdhuizen

Position:

Certification manager

Signature:
(for printed version)

Date:
(for printed version)

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:

QPS
Evaluation Services Inc.
81 Kelfield St
Unit 8
Toronto, Ontario M9W 5A3
Canada





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Manufacturer: **Zelentech Pte Ltd**
55 Serangoon North Avenue 4
#04-05, S9 Building
Singapore 555859
Singapore

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 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

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:

[CA/QPS/ExTR19.0008/00](#)

[CA/QPS/ExTR19.0008/01](#)

Quality Assessment Reports:

[CA/QPS/QAR19.0001/00](#)

[CA/QPS/QAR19.0001/03](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Ex db IIC T4 Gb

Ta=-20°C to +60°C

12-26Vdc, 0.66W

IP66

The ZT-100 series is a Water in Oil Monitor which measures water concentration in oil.

Model Nomenclature:

ZT100-A##-##-##-##-##-##-9080BB-CC

where

A= Mount

- F - Flange
- S - Large/Small Threaded
- I - Welded
- T - Welded

BB=Enclosure Type

- AM - IME 9080 Aluminum Exd
- WM- IME 9080 Aluminum ExD with Window
- TM - IME 9080 SS316L
- SM - IME 9080SS316L with Window

CC= Cable Entry

- 07-3/4" NPT
- 08 - 1/2" NPT
- 09 - M20 x 1.5
- 32 - M25 x 1.5

denotes options not affecting Ex compliance

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Read and follow the installation instructions
2. Maximum process temperature is 130°C



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Corrected the IP rating from IP65 to IP66 based on the FM Approvals report 3049139