



# 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](http://www.iecex.com)

Certificate No.: **IECEX CML 21.0154X** Page 1 of 3 [Certificate history:](#)  
Status: **Current** Issue No: 0  
Date of Issue: 2021-12-13  
Applicant: **Endress+Hauser Optical Analysis Inc**  
11027 Arrow Route  
Rancho Cucamonga CA 91730  
**United States of America**  
Equipment: **TDL Gas Analyser Model: SS2100i-2**  
Optional accessory:  
Type of Protection: **Flameproof Ex "db"**  
Marking: Ex db IIB+H<sub>2</sub> T4 Gb  
T<sub>a</sub> = -20°C to +60°C

Approved for issue on behalf of the IECEx  
Certification Body:

**S. Roubedakis**

Position:

**Technical Manager**

Signature:  
(for printed version)

Date:

**2021-12-13**

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**Eurofins E&E CML Limited**  
**Unit 1, Newport Business Park**  
**New Port Road**  
**Ellesmere Port, CH65 4LZ**  
**United Kingdom**





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Page 2 of 3

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Manufacturer: **Endress+Hauser Optical Analysis Inc**  
11027 Arrow Route  
Rancho Cucamonga CA 91730  
**United States of America**

Additional  
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 60079-1:2014-06](#) 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 Report:

[GB/CML/ExTR21.0278/00](#)

Quality Assessment Report:

[GB/CML/QAR21.0014/01](#)



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Page 3 of 3

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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The product is made of two Ex-component certified flameproof stainless enclosures. One of these enclosures contains the electronic equipment, and the other one contains the gas analyzer itself.

**Refer to Certificate Annex for full Product Description and Conditions of Manufacture.**

**SPECIFIC CONDITIONS OF USE: YES as shown below:**

**Refer to Certificate Annex for Specific Condition of Use.**

**Annex:**

[Certificate Annex IECEx CML 21.0154X Iss 0\\_1.pdf](#)

Annexe to: IECEx CML 21.0154X Issue 0  
 Applicant: Endress+Hauser Optical Analysis Inc.  
 Apparatus: TDL Gas Analyser Model: SS2100i-2

**Description**

Placeholder text for the description section.

**Notes:**

- Placeholder note text
- Placeholder note text
- Placeholder note text

Component	Certificate Numbers	Standards Applied	Differences
Placeholder	Placeholder	Placeholder	Placeholder
Placeholder	Placeholder	Placeholder	Placeholder
Placeholder	Placeholder	Placeholder	Placeholder

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