

## EU DECLARATION OF CONFORMITY

Manufacturer's Name: SpectraSensors, Inc  
Manufacturer's Address: 11027 Arrow Route  
Rancho Cucamonga, CA 91730  
Product Name: TDL Gas Analyzer  
Model Number: SS2100a

SpectraSensors, Inc. declares under our sole responsibility that the above product is in compliance and satisfies Essential Health and Safety Requirements (EHSR) defined by the Directives below.

Directives: 2014-34-EU, ATEX Directive  
2014-30-EU, EMC Directive  
2011-65-EU, RoHS2 Directive

Electromagnetic Emissions  
2014/30/EU Annex I. a: EN61326-1 (2013)

Electromagnetic Immunity  
2014/30/EU Annex I. b: EN61326-1 (2013)

Equip. General Requirements: EN 60079-0: 2012 + A11:2013; Explosive Atmospheres – Part 0: General Requirements. EN 60079-1: 2014; Explosive Atmospheres – Part 1: Equipment Protection by flameproof enclosure “d”. EN 60079-15:2010 Explosive Atmosphere Part 15, Equipment Protection by type of protection “n”. EN 60079-28:2015 Explosive Atmospheres – Part 28: Protection of equipment and transmission systems using optical radiation.

Degree of Protection (IP Code) IEC 60529 Ed. 2.2 b: 2013, Degrees of protection provided by enclosures (IP Code).

This product has been assessed and tested for Ingress Protection and Environmental Performance according to the IEC standard IEC 60529 Ed. 2.2 b: 2013 and has been rated IP66.

Notification Number: **LCIE 10 ATEX 1002 U**

Issued by Notified Body no.:0081


Sample Cell marking:  II 3 G  
Ex nA opis IIC Gc

Equipment / accessories, safety related, used as part of the overall analyzer assembly are listed on Annex 1 attached. Their respective certificates can be found in the back of documentation binder (“certificates”)

SpectraSensors Inc. assessed the conformity of equipment (SS2100a) as it relates to the procedures to design and internal control of production referred to in Annex VIII of Directive 2014/34/EU; and with regard to the safety aspects referred to Annex II of Directive 2014/34/EU, for equipment-group II category 3.

Entries into the enclosure can be equipped with certified accessories (such as blanking element, breather/drain, reducer ...) according to the intended use of the product.

Notification Number: **LCIE 10 ATEX Q 4003**

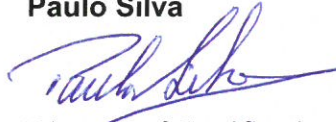
Product marking:  II 3 G  
Ex dc ec nA opis IIB+H2 T3 Gc

Signed At: SpectraSensors, Inc

On: July 25, 2019

Signature:

**Paulo Silva**



Director of Certification Compliance

*International Contact:*

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