

14. Appendix D – Manufacturer's EC Declarations



EU Declaration of Conformity

The undersigned, representing the manufacturer:

Senscient Limited
Unit F1, Arena Business Centre
Holyrood Close, Poole, Dorset
BH17 7FP UK

Hereby declares that the product(s), listed below:

Senscient ELDS 1000/2000 Series Open Path & Cross Duct Gas Detectors

Are in conformity with the provisions of the following EU Directive(s), when installed, operated, serviced and maintained in accordance with the supplied manufacturers installation and operating/service documentation:

2014/30/EU EMC Directive
 2014/34/EU ATEX Directive

And that the standards and/or technical specifications referenced below have been applied and/or considered:

EMC Standards:

EN50270: 2015 Electromagnetic Compatibility – Electrical Apparatus for the Detection and Measurement of Combustible Gases Toxic Gases or Oxygen - (Test Report TRA-035003-38-01A)

ATEX Standards:

EN60079-0: 2012+A11:2013 Explosive Atmospheres – Part 0: Equipment General Requirements
 EN60079-1: 2014 Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures "d"
 EN60079-31:2014 Explosive Atmospheres – Part 31: Equipment dust ignition protection by enclosures "t" (Baseefa Certification Report No 15/0613)
 EN60079-28:2015 Explosive Atmospheres – Part 28: Protection of equipment and transmission systems using optical radiation.
 EN60529 +A1: 1991/2001 Degree of Protection Provided by Enclosures (IP Code). (Baseefa Certification Report No 09C0810)

Design/Construction: In Accordance with Good Engineering Principles

Certification: II 2 GD Ex db IIB + H2 T5 Gb Ex tb IIIC T100°C Db, IP66/67 Tamb - 40°C to + 60°C

Notified Body for ATEX:	Certificate No(s):	Notified Body for QAN	Certificate No(s):
Baseefa Ltd Rockhead Business Park Staden Lane Buxton Derbyshire SK17 9RZ UK	Baseefa10ATEX0066X Notified Body No: 1180	FM Approvals Ltd 1 Windsor Dials Windsor Berkshire SL4 1RS UK	FM10ATEXQ0010 Notified Body No: 1725

Year of CE Marking:

Commencement: 2010

For and on behalf of the authorised manufacturer in the EU community:

Signature:

Date of Signature:

28/3/2018

Name:

Lee Richman

Position:

Chief Technical Officer, (MSA/Senscient Limited, Poole, Dorset, UK.)

Senscient EU Declaration of Conformity Baseefa Rev 4
 Uncontrolled When Printed – Check Latest Issue



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Declaration of Conformity to EU RoHS

Products listed below that are manufactured by Senscient Ltd are in compliance with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (also known as "RoHS Recast"). In addition, this declaration of conformity is issued under the sole responsibility of Senscient Ltd. Specifically, products manufactured do not, to the knowledge of the certifier, contain the substances listed in the table below in concentrations exceeding the Maximum Control Value (MCV) and will be compliant as of the date listed.

Substance	Maximum Control Value
Lead (Pb)	0.1% by weight (1000 ppm)
Cadmium (Cd)	0.01% by weight (100 ppm)
Mercury (Hg)	0.1% by weight (1000 ppm)
Hexavalent Chromium (Cr6+)	0.1% by weight (1000 ppm)
Poly Brominated Biphenyls (PBB)	0.1% by weight (1000 ppm)
Poly Brominated Diphenyl ethers (PBDE)	0.1% by weight (1000 ppm)

Exemptions:

No RoHS exemptions claimed for any parts or materials covered by this DoC.

Product Identification:

NOTE: Use one or more of these choices:

- "All parts manufactured by Senscient Ltd."

Date of Issue: 14/09/2015

Place of Issue: Poole UK

Signature:

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