



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 CSA 07.0003	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 6	Issue 5 (2015-06-18)
Date of Issue:	2019-11-24		Issue 4 (2015-02-18)
Applicant:	Oldham S.A.S Z.I EST, Rue Orfila BP 20417 F-62027 Arras Cedex France		Issue 3 (2014-04-07)
Equipment:	iTRANS 2 Gas Monitors		Issue 2 (2012-06-22)
Optional accessory:			Issue 1 (2008-05-06)
Type of Protection:	Ex db, Ex nA		Issue 0 (2007-10-13)
Marking:	Ex db IIB+H2 T5; -40°C ≤ Ta ≤ +75°C IP66 (Gas Monitor & Sensors) Ex nA IIC T5 Gc; -40°C ≤ Ta ≤ +75°C (Toxic Sensor Modules)		

Approved for issue on behalf of the IECEx
Certification Body:

Dorin Stochitoiu

Position:

Technical Advisor

Signature:
(for printed version)

Date:

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:

CSA Group
178 Rexdale Boulevard
Toronto, Ontario M9W 1R3
Canada





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Manufacturer: **Oldham S.A.S**
Z.I EST, Rue Orfila BP 20417
F-62027 Arras Cedex
France

Additional manufacturing locations: **Industrial Scientific China-Oldham M2**
290 Guiqiao Rd
Shanghai, 201206.
China

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 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-15:2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:4

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/CSA/ExTR07.0010/00](#)
[CA/CSA/ExTR07.0010/03](#)

[CA/CSA/ExTR07.0010/01](#)
[CA/CSA/ExTR07.0010/04](#)

[CA/CSA/ExTR07.0010/02](#)
[CA/CSA/ExTR07.0010/05](#)

Quality Assessment Reports:

[FR/INE/QAR06.0006/10](#)

[GB/FME/QAR13.0011/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The iTRANS 2 fixed gas monitor is an independent monitor capable of displaying one or two gas concentrations as well as sensor or instrument specific diagnostics. The iTRANS 2 Gas Monitor consists of a main unit with an integral or remote sensor. The main unit and sensors are manufactured with aluminum or stainless steel enclosure. The Combustible Gas Detector model iTRANS 2 is used to measure combustible or toxic gases.

The iTRANS 2 Gas Monitor P/N 78105049 for use with one or two of the following sensors: P/N 7702-2606, 7702-6987 7703-6319, 7703B6331, 7703-6318, 7703-6330, 7703-6317, 7703B-6329, 7703-6316, 7703-6328, 7703-6315, 7703-6327, 7703-6314, 7703-6326, 7703-6313, 7703-6325, 7703-6312, 7703-6311, 7703-6323, or 7703-63124 Combustible, P/N 7702-3828 or 7702-6961 Hydrogen Sulphide, P/N 7702-3836 or 7702-7167 Carbon Monoxide, P/N 7703-6320 or 7703-6321 or 7703-6322 or 7703-6332 or 7703-6333 or 7703-6334 Carbon Dioxide, P/N 7702-3927 or 7702-6979 Oxygen, P/N 7702-3935 or 7702-7175 Hydrogen, P/N 7702-5286 or 7702-7191 Toxic (for Zone 2 only), P/N 7702-6094 or 7702-7183 Toxic. Sensor may be integral or remote when used with 7703-6306 or 7703-6308 Remote Enclosure

iTRANS2 Gas Monitors and Sensors: Ex db IIB+H2 T5; IP66

Rated input: 12 - 28 Vdc, 600 mA_ Maximum output: 4 - 20 mA_ Contact rating: 30 Vdc or 30 Vac, 5 A

Sensors P/N 7702-5286 and 7702-7191 Toxic: Ex nA IIC T5 Gc, Electrical ratings: 12 - 28 Vdc, 10mA

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1: This update covers the addition of alternate materials ADC12 and A360 for the monitor enclosure and documentation update with the revised drawings affected by this change. All other data remain unchanged.

Issue 2: This update covers the addition of alternate materials Aluminum alloy 6063 T6 and 2A12 for the sensor housing, cap and plug and documentation update with the revised drawings. All other data remain unchanged.

Issue 3: To transfer various models of product: iTRANS from Industrial Scientific Co to Oldham S.A.S.

Issue 4: To add new model iTRANS2 Gas Monitor P/N 78105049. It is basically the same as the iTRANS Gas Monitor P/N 7814635 but includes the addition of HART protocol hardware. The HART protocol hardware will result in insignificant additional heating and current draw.

1. To add IR sensors to use in iTRANS2. All sensors have identical construction and are placed in flameproof smart sensor enclosure.
2. To add related enclosures 7703-6306 or 7703-6308 for Gas Monitor P/N 78105049 and Remote Enclosures.

Issue 5: Update to the latest editions of the standards for model iTRANS 2 Gas Monitor P/N 78105049, and deletion of the model iTRANS Gas Monitor P/N 7814635 as it is no longer manufactured.

Issue 6: Addition of FR/INE/QAR06.0006/10 to link the QAR of the manufacturer (Oldham) to the product certificate.