



# 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 CSA 13.0014** Page 1 of 4 Certificate history:  
Status: **Current** Issue No: 7 [Issue 6 \(2018-11-22\)](#)  
Date of Issue: 2019-03-12 [Issue 5 \(2018-06-28\)](#)  
[Issue 4 \(2017-01-23\)](#)  
[Issue 3 \(2016-05-16\)](#)  
[Issue 2 \(2014-12-04\)](#)  
[Issue 1 \(2014-07-07\)](#)  
[Issue 0 \(2013-06-26\)](#)  
Applicant: **Gas Clip Thechnologies**  
305 W FM 1382  
Suite 540  
Cedar Hill  
Tx 75104  
**United States of America**  
Equipment: **Portable Gas Detectors**  
Optional accessory:  
Type of Protection: **Ex ia Ga; Ex db ia Gb; Ex da ia IIC T4 Ga**  
Marking: MGC-P, and MGC-2-P(with KNC LEL sensor); Ex db ia IIC T4 Gb  
MGC-P, and MGC-2-P(with VQ548MP-DA LEL sensor); Ex da ia IIC T4 Ga  
MGC, and MGC-2(with MIPEX LEL sensor); Ex ia IIC Ga  
Tamb:-20C to 50C

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](http://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: **Gas Clip Technologies**  
305 W FM 1382  
Suite 540  
Cedar Hill  
**United States of America**

Additional manufacturing locations: **Precise Connections Inc.**  
1114 Explorer St, Duncanville, TX 75137  
**United States of America**

**SeeTron Inc.**  
1250 North  
Bowser Road  
Richardson  
TX 75081  
**Korea, Republic of**

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 60079-11:2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

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/CSA/ExTR13.0015/00](#)  
[CA/CSA/ExTR13.0015/03](#)  
[CA/CSA/ExTR13.0015/06](#)

[CA/CSA/ExTR13.0015/01](#)  
[CA/CSA/ExTR13.0015/04](#)  
[CA/CSA/ExTR13.0015/07](#)

[CA/CSA/ExTR13.0015/02](#)  
[CA/CSA/ExTR13.0015/05](#)

Quality Assessment Reports:

[GB/SIR/QAR14.0007/02](#)

[GB/SIR/QAR15.0006/03](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The products are gas detectors capable of detecting multiple gasses.

MGC portable 4 gas detector with MIPEX LEL, H2S, CO and O2 Sensors

MGC-P 4 gas detector with KNC LEL, H2S, CO and O2 Sensors

MGC-P 4 gas detector with VQ548MP-DA LEL, H2S, CO and O2 Sensors

MGC-2 Dual gas detector with MIPEX LEL and O2 Sensors

MGC-2-P Dual gas detector with KNC LEL and O2 Sensors

MGC-2-P Dual gas detector with VQ548MP-DA LEL and O2 Sensors

**SPECIFIC CONDITIONS OF USE: NO**



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## **DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

Issue 1 : To update the surface resistance result

Issue 2 : First: The label drawing has been revised based to reflect a change in the notification body responsible for the QAN; Second: A new

IR sensor, MIPEX-02-1-II-3.1X, has been introduced as an alternate to the previously approved MIPEX-02-1-II-1.1X.

Issue 3: First: Minor change of the applicant name; Second: Addition of another manufacturing location; Third: Marking change per impact of

using Ex d catalytic bead sensor (subject of DS 2015/016; IECExTAG/401/CD); Fourth: Replacement for an obsolete PTC.

Issue 4: First: Addition of an alternate O2 sensor, Model S+4OX. Second: Removing Korean manufacturer from the manufacturing locations

list; Third: Revision of label drawing to show the change in manufacturing location; Fourth: Revision of serial label drawing to show correct dimensions.

Issue 5: First: Updating applicant's address; Second: Adding the new manufacturer information based on updated QAR; Third: Adding of an alternate Battery cell Model 103450AR(3.7V, 1800mAh) from Lumos power electronics manufactured by Roofer Holding – China;

Fourth: Updating the Technical Documents.

Issue 6: First: Acceptance of alternative Ex component "VQ548MP-DA LEL catalytic bead sensor" which has Ex da IIC Ga marking. Second:

Adding "Ex da ia IIC T4 Ga" marking for models MGC-P and MGC-2-P - when used with VQ548MP-DA type sensor. Third: Updating list of Technical Documents to add, remove, and modify BOMs and labels.

Issue 7: Addition of alternate battery cell model ABI-L103448AR-1S1P and alternate assembly.