



# Certificate of Compliance

**Certificate:** 70095939

**Master Contract:** 241576

**Project:** 70095939

**Date Issued:** August 2, 2017

**Issued to:** **Inficon AB**  
**P.O. Box 76**  
**58102 Linköping**  
**SWEDEN**  
**Attention: Fredrik Enquist**

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only*



**Issued by:**

  
R Papiah

## PRODUCTS

**CLASS 2258-02** PROCESS CONTROL EQUIPMENT – For Hazardous Locations  
**CLASS 2258-82** PROCESS CONTROL EQUIPMENT-For Hazardous Locations-Certified to U.S. Standards

Ex ia IIC T3 Ga  
Class I, Division 1, Groups A, B, C and D

AEx ia IIC T3 Ga  
Intrinsically safe Class I, Division 1, Groups A, B, C and D

Inficon IRwin SX\* Portable battery powered gas detector; Temperature Code T3 (Tamb = -20°C to + 50°C)

The Irwin SX\* models covered by this approval are as follows:

IRwin SX (CH<sub>4</sub>)  
Irwin SXT (As SX + O<sub>2</sub>, H<sub>2</sub>S, CO)



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Irwin SXG (As SX+ gas chromatograph)  
Irwin SXGT (As SXT + gas chromatograph)

### **APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 60079-0:11 (IEC 60079-0:2007 5 <sup>th</sup> Ed., MOD)	Explosive atmospheres — Part 0: Equipment — General requirements
CAN/CSA-C22.2 No. 60079-11:14 (IEC 60079-11:2011 6 <sup>th</sup> Ed., MOD)	Explosive atmospheres — Part 11: Equipment protection by intrinsic safety “i”
CAN/CSA C22.2 No. 61010-1-12	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements - Third Edition

US Standards

ANSI/UL 60079-0:13, 6 <sup>th</sup> Edition	Explosive Atmospheres - Part 0: Equipment - General Requirements
ANSI/UL 60079-11:13, 6 <sup>th</sup> Edition	Explosive Atmospheres – Part 11: Equipment protection by Intrinsic Safety “i”

### **MARKINGS**

Ex ia IIC T3 Ga  
Class I, Division 1, Groups A, B, C and D

Class I, Zone 0, AEx ia IIC T3 Ga  
Intrinsically Safe Class I, Division 1, Groups A, B, C and D

### **CONDITIONS OF ACCEPTABILITY**

1. Battery charging and data transfer via cable may only be performed in the non-hazardous area. Only the certified IRwin Charging Adaptor (P/N-580-604) may be connected to the IRwin SX\* for the battery charging or data transfer.
2. This assessment does not cover reliable function, performance, or other properties of the equipment not related to safety.
3. This assessment does not cover the external charging circuits (accessory 580-605 and 580-604).
4. If at any time there is a conflict between the system safety provisions and any relevant local (national or regional) requirements, the local requirements always take precedence.
5. Equipment is not to be used with flammable liquids.
6. IP rating of this equipment has not been verified as part of this assessment.
7. Equipment is considered to have limited time exposure to UV during normal operation.



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70095939	August 2, 2017	Original Certification.