



# Certificate of Compliance

**Certificate:** 1139164 **Master Contract:** 171882  
**Project:** 70021700 **Date Issued:** December 1, 2015  
**Issued to:** Honeywell Analytics Ltd.  
Hatch Pond House  
4 Stinsford Rd  
Nuffield Industrial Estate  
Poole, Dorset BH17 0RZ  
United Kingdom  
Attention: Richard King

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



*Konstantin Rybalko*

**Issued by:** Konstantin Rybalko

## PRODUCTS

- CLASS 4828 81** - SIGNAL APPLIANCES-Combustible Gas Detection Instruments - For Hazardous Location-Certified to U.S. Standards  
**CLASS 4828 01** - SIGNAL APPLIANCES - - Combustible Gas Detection Instruments-For Hazardous Locations

Class I, Groups B, C and D;

Ex d IIC T5

- "Searchpoint Optima PLUS", Models 2108B2201, 2108B2202, 2108B2201N and 2108B2201H stationary; input rated 32V dc max, 8 Watts, Temp Code T5. May be used with the following accessories; Standard Weather Protection P/N 2108D0276, Sunshade/Deluge Protection P/N 2108D0275, Gassing Cover P/N 2108D0258, Calibration Cap P/N 2108D0272, Flow Housing p/n 2108B0282 and Handheld Interrogator Model



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SHC-1 P/N 04233-A-1000 or 04233-A-1001 (Interrogator is for calibration only in a non-hazardous location) or P/N 2104B when used with DX100, DX100I or DX100M Termination Units (suitable for use in the hazardous area when connected per Control Drawing 2104E0097, 2104E0025 or 2104E0016).

### **APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No. 0-M91 - General Requirements-Canadian Electrical Code, Part II

CSA Std C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CSA Std C22.2 No. 142-M1987 - Process Control Equipment

CSA Std C22.2 No. 152-M1984 - Combustible Gas Detection Instruments

CAN/CSA E-79-0-95 - Electrical apparatus for explosive gas atmospheres, Part 0: General requirements

CAN/CSA E-79-1-95 - Electrical apparatus for explosive gas atmospheres, Part 1: Construction and verification test of flameproof enclosures of electrical apparatus

FM 3600, November 1998 - Electrical Equipment for use in Hazardous (Classified) Locations, General Requirements

FM 3610, October 1998 - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II & III Division 1 and Class I Zone 0 & 1 Hazardous (Classified) Locations

FM 3615, March 1989 - Explosionproof Electrical Equipment, General Requirements

FM 3810, March 1989 (Including Supplement #1, July 1995) - Electrical and Electronic Test, Measuring and Process Control Equipment

ANSI/ISA-12.13.01-2000 - Performance Requirements for Combustible Gas Detectors



## *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>
70021700	Dec 1, 2015	Update to report 1139164 for Searchpoint Optima Plus Model 2108 minor components change and software update and testing.
2668114	Oct 21, 2013	HAZ 130400: Update to report 1139164 to add Flow Housing p/n 2108B0282.
2618055	Apr 25, 2013	Update to report 1139164 for revised construction and firmware.
2550485	Aug 16, 2012	Update of report 1139164 to cover software revision from 5V9 to 6V0
2514492	May 8, 2012	Update report 1139164 to revise drawings, construction and certified models listed.
2262061	Dec 17, 2010	Update report to include revised drawings and US Certification.

### **History**

1403995, Aug. 21, 2003, Addition of use with DX100I and DX100M

1139164, Oct. 27, 2000, Original Certification.