



# Certificate of Compliance

**Certificate:** 2588225

**Master Contract:** 256053

**Project:** 2657473

**Date Issued:** October 11, 2013

**Issued to:** POSITEK Ltd.

Unit L6 The Link, Andoversford  
Cheltenham, GL54 4LB  
United Kingdom  
Attention: Roger Swadling

*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.*



*Ian Henderson*

**Issued by:** Ian Henderson

## **PRODUCTS**

**CLASS 2258 04** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations

**CLASS 2258 84** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - - For Hazardous Locations - Certified to US Standards

**Canada: Ex ia IIC T4**

**USA: AEx ia IIC T4**

**USA: AEx iaD IIIC T93°C**

Series EX06 Models Gxxx or Hxxx, rated for an ambient temperature range of -40°C to +80°C.

Where xxx = three digit numeric code for specific sensor design



**Certificate:** 2588225

**Master Contract:** 256053

**Project:** 2657473

**Date Issued:** October 11, 2013

The equipment has the following Entity Parameters:

Parameter	EX06
Ui	11.4 V
Ii	0.2 A
Pi	0.51 W
Ci without integral cable	1.16 µF
Ci with integral cable	1.36 µF(1000 m)
(Max. length)	
Li without integral cable	50 µH
Li with integral cable	710 µH (1000 m)
(Max. length)	

The EX06 shall be connected according to the installation drawing nos. G000-19a or H000-19a as applicable; in hazardous locations.

The final installation of the system shall meet all applicable codes and it shall be subjected to acceptance of local authority having jurisdiction.

**APPLICABLE REQUIREMENTS**

CSA C22.2 No. 0-10	General Requirements - Canadian Electrical Code, Part II
CAN/CSA C22.2 No. 142-M1987	Process Control Equipment
UL 508	Industrial Control Equipment
CAN/CSA-C22.2 No. 60079-0:11	Explosive atmospheres — Part 0: Equipment — General requirements
CAN/CSA-C22.2 No. 60079-11:11	Explosive atmospheres — Part 11: Equipment protection by intrinsic safety “i”
ANSI/UL 60079-0:09 (5th Ed.)	Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
ANSI/UL 60079-11:09 (5th Ed.)	Electrical apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety “i”
ANSI/ISA-61241-0 (12.10.02)-2006	Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations – General Requirements
ANSI/ISA-61241-11 (12.10.04)-2006 (R2011)	Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations – Protection by Intrinsic Safety “iD”