



# Certificate of Compliance

**Certificate:** 1913435

**Master Contract:** 212516

**Project:** 2228498

**Date Issued:** 2010/02/19

**Issued to:** Rosemount Analytical Inc.

Process Analytic Division  
Solon Research & Development Ctr  
6565-P Davis Industrial Pkwy  
Solon, OH 44139  
USA  
Attention: Mr. Stephen J. Miesiak

*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.*



*Syed Haque*

**Issued by:** Syed Haque

## **PRODUCTS**

**CLASS 2252 85** - PROCESS CONTROL EQUIPMENT - Certified to US Standards

**CLASS 2252 05** - PROCESS CONTROL EQUIPMENT

Oxygen Analyzer, model X-STREAM O2 Analyzer, parts and ratings are as follows:

Parts	Ratings
XS-O2	Transmitter: 100 – 240 V, 50/60 Hz, max. 776 VA; Type 4X & IP66
DR Probe:	120 V, 50/60 Hz, max. 776 VA; Type 4X & IP66
Xi	100 – 240 V, 50/60 Hz, max. 12 VA; Type 4X



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Xi (Traditional Architecture) 100 – 240 V, 50/60 Hz, max. 776 VA; Type 4X (for 120 V Probes)  
120 V, 50/60 Hz, max. 450 VA; Type 4X (for 44 V Probes)

XPS (Remote) 120/240 V, 50/60 Hz, max. 140 VA, Type 4X & IP66 (For 44V Probes)  
120/240 V, 50/60 Hz, max. 776 VA, Type 4X & IP66 (For 120V Probes)

XPS (Integral) 120/240 V, 50/60 Hz, max. 140 VA, Type 4X & IP66 (For 44V Probes)

#### **CONDITIONS OF ACCEPTABILITY**

- 1) The unit is intended to be connected to supply mains by a qualified personal in accordance with national (e.g. CEC, NEC, etc) and local codes.
- 2) Suitable APPROVED switch and fuse or a circuit breaker shall be provided to facilitate the disconnection of mains power.
- 3) The operating ambient is considered max 80 °C for XS-O2 transmitter, max 100 °C for XS-O2 DR Probe, and max 50 °C for Remote Interface Xi and Xi (Traditional Architecture).
- 4) Mounting Flange temperature shall not exceed 200 °C.

#### **APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No. 61010-1-04 Safety Requirements for Electrical Equipment for  
Measurement, Control, and Laboratory Use – Part 1: General Requirements

UL 61010-1:2004, 2nd Edition Safety Requirements for Electrical Equipment for  
Measurement, Control, and Laboratory Use – Part 1: General Requirements



## *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>
2228498	2010/02/19	Addition of a model and alternative construction.
2140638	2009/03/18	Update to report 1913435 to include XS-O2XP Oxygen Analyzer, Hazardous Locations for Class I, Zone 1, AEx d/Ex d IIB+H2, T3.
2075667	2008/12/19	Change of part designation and alternative construction
1913435	2007/12/20	Original Certification.