



# Certificate of Compliance

**Certificate:** 80025051

**Master Contract:** 237041

**Project:** 80025051

**Date Issued:** 2020-02-20

**Issued To:** GfG Instrumentation, Inc.  
1194 Oak Valley Dr, Ste 20  
Ann Arbor, Michigan, 48108  
United States

**Attention:** Tony Poley

*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.*

*Semyon Baum*  
**Issued by:** Semyon Baum



## **PRODUCTS**

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

CLASS - C225286 - PROCESS CONTROL EQUIPMENT Certified to US Standards

ZD-21 O2 Transmitter rated at input: 10-32Vdc, 0.2 ... 1mA (4kW) or 4 ...20mA (200W) output: -25 °C to 50 °C degree ambient.

### Note:

1. The designated model above is evaluated for electrical safety only, and not Certified as a functional safety device. The output signal of this device is used only for indicating purposes.
2. The designated model above is used for non-hazardous locations and not evaluated for its IP rating.
3. The designated model shall be supplied by a certified class 2 power supply.



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### **APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 61010-1-12 + Amd 1 - 18	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements
UL 61010-1 (2012)	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements

### **MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed 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 U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following markings appear on the product:

1. Submitter's identification (company name and/or file number and/or registered tradename);
2. Electrical rating;
3. Date of manufacture: Month and year of manufacture or date code. If a serial number is used instead of date of manufacture, a record of serial numbers shall be kept traceable to date of manufacture. (Not related to date of sale);

### **Nameplate adhesive label material approval information:**

Laser print foil type 1: 3M; Color: matt silver; Thickness film + adhesive: 0.11 mm; Thickness of protective paper: 0.12 mm; Temperature resistance: -40 ° to +150 °; Carrier film: polyester. See CSA report 2337472.



## *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>
80025051	2020-02-20	Original CAN-US certification evaluation of the model ZD-21 Transmitter, fixed O2 gas sensing module with a solid-state Zirconia (ZD) sensor and 0.2 to 1 mA or 4 to 20 mA outputs contained within a polymeric enclosure. The evaluation is for ordinary locations approval to 61010-1.