Certificate of Compliance

Certificate:	80223762	**Master Contract:**	166720
Project:	80223762	**Date Issued:**	2025-07-29
Issued to:	**WIKA Alexander Wiegand SE & Co. KG** **Alexander-Wiegand-Str 30** **Klingenberg, Bavaria 63911** **Germany** **Attention:** Thomas Sauer	**Issued by:**	*John Kusi Amoateng* John Kusi Amoateng

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.

C US

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

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

IS Class I, Division 1, Groups A, B, C, D; T4
Ex ia IIC T4 Ga

IS Class I, Division 2, Groups A, B, C, D; T4
Ex ia IIC T4 Gb

Intrinsically safe Pressure Gauge type PGU23.1a0-bcd, PGU26.1a0-bcd and Temperature Gauge TGU73.1a0-bcd

Rated Input: 7 V dc, 250mA, 330mA max, -40 °C ≤ T_a ≤ + 60 °C, Enclosure Type 4
MWP 160 MPa (1600 bar) for type PGU2*, Maximum process temperature range -40 °C ≤ $T_{process}$ ≤ + 100 °C. Intrinsically Safe when installed per drawing 14746729.
Entity parameters: Ui or Vmax = 7 VDC, Ii or Imax = 250mA, Pi or Pmax = 330mW, Ci or Ca = 4.75 µF, Li or La= 0;

Where:
a Nominal size
0 = 100 mm
6 = 160 mm

b gauges with CSA explosion protection (Hazloc; Canada and North America)
A, C

c Type of ignition protection
I = intrinsic safety

d Zone
A = Zone 0 Gas [Ex ia IIC T4 Ga]
B = Zone 1 Gas [Ex ia IIC T4 Gb]

Conditions of Acceptability:

1. Due to separation requirements of CSA/UL 60079-11 the IS-circuit and the enclosure shall be considered as being galvanically connected. The functional separation is ensured. The gauge shall be included in the equipotential bonding / grounding of the application via process connection.
2. Intensive charging processes shall be avoided for use of the gauge in areas requiring EPL Ga equipment or Division 1 locations.

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

IS Class I, Division 1, Groups A, B, C, D; T4
Class I, Zone 0, AEx ia IIC T4 Ga

IS Class I, Division 2, Groups A, B, C, D; T4
Class I, Zone 1, AEx ia IIC T4 Gb

Intrinsically safe Pressure Gauge type PGU23.1a0-bcd, PGU26.1a0-bcd and Temperature Gauge TGU73.1a0-bcd

Rated Input: 7 V dc, 250mA, 330mA max, -40 °C ≤ T_a ≤ + 60 °C, Enclosure Type 4
MWP 160 MPa (1600 bar) for type PGU2*, Maximum process temperature range -40 °C ≤ $T_{process}$ ≤ + 100 °C. Intrinsically Safe when installed per drawing 14746729.
Entity parameters: Ui or Vmax = 7 VDC, Ii or Imax = 250mA, Pi or Pmax= 330mW, Ci or Ca = 4.75 µF, Li or La= 0;

Where:
a Nominal size

0 = 100 mm
6 = 160 mm

b gauges with CSA explosion protection (Hazloc; Canada and North America)
A, C

c Type of ignition protection
I = intrinsic safety

d Zone
A = Zone 0 Gas [Ex ia IIC T4 Ga]
B = Zone 1 Gas [Ex ia IIC T4 Gb]

Conditions of Acceptability:

1. Due to separation requirements of CSA/UL 60079-11 the IS-circuit and the enclosure shall be considered as being galvanically connected. The functional separation is ensured. The gauge shall be included in the equipotential bonding / grounding of the application via process connection.
2. Intensive charging processes shall be avoided for use of the gauge in areas requiring EPL Ga equipment or Division 1 locations.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 94.2:20 - Third Edition - Enclosures for electrical equipment, environmental considerations

CSA C22.2 No. 61010-1-12,UPD1:2015, UPD2:2016, AMD1:2018, UPD3:2023 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements - Third Edition; Update No. 1: July 2015; Update No. 2: April 2016; Update No. 3: June 2023

CSA C22.2 No. 60079-0:19 - Explosive atmospheres — Part 0: Equipment -General requirements

CAN/CSA C22.2 No. 60079-11:14 - Second Edition - Explosive atmospheres - Part 11: Equipment protection by intrinsic safety “i”

ANSI/UL 50E, 3rd Edition - Enclosures for Electrical Equipment, Non-Environmental Considerations

ANSI/UL 61010-1:2012 - Third Edition - Including revisions through June 6, 2023 - Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements

ANSI/UL 60079-0-2020 (Seventh Edition) - Explosive Atmospheres - Part 0: Equipment - General Requirements

ANSI/UL 60079-11-2018 - Standard for Safety for Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety i

ANSI/UL 913-2022 Eighth Edition - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

Markings

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular 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.

Method of markng

The following markings are provided on a UL Recognized to Canadian requirements (PGJI8) and UL Recognized (PGJI2) adhesive nameplate, used with the printer and ribbon specified in the Listing, and is suitable for indoor and outdoor use on stainless steel enclosure at a maximum service temperature of -40°C to +150°C. Nameplate is affixed to side of the enclosure. Printed Polyester label of type 7818EH TT5 MS PET75-310E-XXXX(h) manufactured by 3M WROCLAW SP Z O O and UL File MH18072.

- Manufacturer's name: "WIKA Alexander Wiegand SE & Co. KG", or CSA Master Contract Number "166720", adjacent to the CSA Mark in lieu of manufacturer's name.
- Model designation: As specified in the PRODUCTS section, above.
- Electrical ratings: As specified in the PRODUCTS section, above.
- Ambient temperature rating: As specified in the PRODUCTS section, above.
- Manufacturing date, or serial number, traceable to year and month of manufacture.
- Enclosure ratings: As specified in the PRODUCTS section, above.
- The CSA Mark, as shown on the Certificate of Conformity.
- The designation "CSA 25CA80223762X"
- Hazardous Location designation: As specified in the PRODUCTS section, above. The word "Class" may be abbreviated "CL", the word "Division" may be abbreviated "DIV", and the word "Groups" may be abbreviated "GRP" or "GP".
- Method of Protection markings (Ex – markings): As specified in the PRODUCTS section, above. The word "Class" may be abbreviated "CL", the word "Zone" may be abbreviated "ZN".
- Temperature code: As specified in the PRODUCTS section, above.
- The manufacturing location shall be identified if the equipment can be produced in more than one facility.

Certificate: 80223762 **Master Contract**: 166720

Project: 80223762 **Date Issued**: 2025-07-29

Notes:

Products certified under Class(es) C225804, C225884 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

Supplement to Certificate of Compliance

Certificate: 80223762 **Master Contract:** 166720

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

Product Certification History

Project	Date	Description
80223762	2025-07-29	Original cCSAus certification for tube pressure gauge, Types PGU23.1a0-bcd, PGU26.1a0-bcd and Temperature gauge TGU73.1a0-bcd as per IECEx TR DE/BVS/ExTR 22.0034/00.