



# Certificate of Compliance

Certificate: 1230604

Master Contract: 162767

Project: 1723332

Date Issued: 2005/11/15

Issued to: KROHNE, Inc.

7 Dearborn Rd  
Peabody, MA 01960  
USA  
Attention: Mr. Rick Loiselle

*The products listed below are eligible to bear the CSA Mark shown*



Issued by: Doug Simpson

Authorized by: Patricia Pasemko, Operations  
Manager

## PRODUCTS

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

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 02

Class I, Div. 2, Groups A,B C and D; Type 4X:

- BM702 Series Level-Radar, Model VG50-4-xxxx-4-2-xx-A-xxx and Model VG51-4-xx-A-x-4-2-xx; input rated 17-30 Vdc, 4-20 mA; Temperature Coded per drawing ZZ8145992200; @ Max. Ambient 55 Deg. C.; MWP 928 psi (Model VG504); MWP 232 psi (Model VG514).



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CLASS 2258 04

Class I, Div. 1, Groups A,B C and D; Type 4X:

- BM702 Series Level-Radar, Model VG50-4-xxxx-4-2-xx-A-xxx and Model VG51-4-xx-A-x-4-2-xx; input rated 17-30 Vdc, 4-20 mA; intrinsically safe with Entity parameters:  $V_{max} = 30$  V,  $I_{max} = 100$  mA,  $C_i = 11$  nF,  $L_i = 0$ ; when installed and Temperature Coded as per Krohne installation drawing ZZ8145992200; Max. Ambient 55 Deg. C.; MWP 928 psi (Model VG50-4); MWP 232 psi (Model VG51-4).

**APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No.94-M91-Special Purpose Enclosures

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

CAN/CSA-C22.2 No.157-92-Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

CSA Std. C22.2 No.213-M1987-Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

**MARKINGS**

- CSA monogram;
- Company name;
- Model number;
- Serial number;
- Electrical rating;
- Hazardous location designation;
- Special purpose enclosure designation, "Type4X";
- Maximum ambient;
- Maximum Working Pressure
- The symbol "Exia" or "Exi"
- The words Intrinsically Safe
- Reference to Installation Drawing



CSA INTERNATIONAL

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-Warning- Explosion Hazard - Do not Disconnect Equipment unless power has been switched off or the area is known to be Non-Hazardous. (Note: this statement may appear in the referenced Installation Dwg.)



## *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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Project	Date	Description
1723332	2005/11/15	Update report to include revised drawings
1692829	2005/07/25	Update report to include revised drawings

### History

1230604 Feb. 18, 2002 Original Certification.