



# Certificate of Compliance

**Certificate:** 1607866

**Master Contract:** 173246

**Project:** 80166612

**Date Issued:** June 17, 2024

**Issued To:** Samson AG  
Weismuellerstrasse 3. Department Conformity Assessment & Approvals  
Frankfurt, Hesse, 60314  
Germany

**Attention:** Gert Nahler

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



**Issued by:**

Ashutosh Bandekar

## **PRODUCTS**

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

Ex ia IIC T6; Class I, Zone 0:

Class I, Division 1, Groups ABCD; Class II, Division 1; Groups E, F and G; Class III:

Electro-pneumatic converter Model 6116-4, Temperature Code T6 at ambient of +60°C, T5 at +70°C and T4 at +80°C; Type 4 Enclosure; Intrinsically safe when installed per control installation drawing EB 6116 EN.

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

Class I, Div. 2, Groups A, B, C and D; Class II, Div 2, Groups F and G; Class III:

Electro-pneumatic converter Model 6116-4, rated input 0-20mA, 4-20mA, or 1-5mA dc, Type 4 Enclosure, Temperature Code T6 at ambient of +60°C, T5 at +70°C and T4 at +80°C.



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### **APPLICABLE REQUIREMENTS**

CSA-C22.2 No. 25-1966	-	Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CAN/CSA-C22.2 No. 94-M91	-	Special Purpose Enclosures
CSA-C22.2 No.142-M1987	-	Process Control Equipment
CAN/CSA C22.2 No. 157-1992	-	Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations
CSA C22.2 No. 213-M1987	-	Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CAN/CSA-E60079-0:02	-	Electrical Apparatus for Explosive Atmospheres, Part 0 - General Requirements
CAN/CSA-E60079-11:02	-	Electrical Apparatus for Explosive Atmospheres, Part 11 - Intrinsic Safety "i"

### **MARKINGS**

Safe and Non-incendive Equipment for Use in Hazardous Locations

CSA C22.2 No. 213-M1987	-	Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CAN/CSA-E60079-0:02	-	Electrical Apparatus for Explosive Atmospheres, Part 0 - General Requirements
CAN/CSA-E60079-11:02	-	Electrical Apparatus for Explosive Atmospheres, Part 11 - Intrinsic Safety "i"

### **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.

- CSA Monogram;
- Submitter identification;
- Model number;



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- Serial number or date code;
  - Electrical rating/Entity parameters
  - Hazardous location designation;
  - Reference to installation drawing number;
  - The Caution: “Warning - Substitution of Components May Impair Intrinsic Safety”;
  - Temperature code rating;
  - Maximum ambient;
  - Special purpose enclosure designation
  - Certification year and Certificate number followed by an indicator ‘X’

**SPECIAL CONDITION FOR SAFE USE**

Model 6116-4 Positioner must be installed per SAMSON AG control installation drawing EB 6116EN.

**Notes:**

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Products certified under Class(es) C225802, C225804 have been certified under CSA’s ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *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>
80166612	2024-06-17	FIR follow-up, update of Report 1607866 to address (FC173247 ) FIR dated May 17,2022
1607866	2005-09-16	Update to LR 54227-16 to cover Entity requirements per C22.2 157 and E60079-11, and Class II.

#### **History**

LR 54227-31 Sept. 3/99 Correction to -16 to include Zero & Span Circuit to Model 6116-4 Converter.

LR 54227-28 Mar. 27/98 Optional Model 6109 and Model 6112 modules for Series 6116 converter.

LR 54227-27 Feb. 27/97 To cover an upgrade to Type 4 enclosure.

LR 54227-16 Dec. 1/92 Original Certification