



Certificate of Compliance

Certificate: 1607252 (LR 54227-3)

Master Contract: 173246

Project: 1607252

Date Issued: 2005/09/16

Issued to: Samson AG

Mess- Und Regeltechnik
Department E71
Weismuellerstrasse 3
Frankfurt, 60314
Germany
Attention: Mr. Holger Pflug

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



Issued by:

Jimmy Lu

Authorized by

Nick Alfano, Operations
Manager

PRODUCTS

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non -
Incendive Systems - For Hazardous Locations

Class I, Groups A, B, C and D:

I/P binary converters, Series 3.962, intrinsically safe when connected to CSA Certified safety barriers per
Samson Installation Instruction T 962-3E.



Certificate: 1607252 (LR 54227-3)

Master Contract: 173246

Project: 1607252

Date Issued: 2005/09/16

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:

Model 3701 Solenoid Valve, Temperature Code T6 at ambient of +60°C, T5 at +70°C and T4 at +80°C, Type 3 Enclosure; Intrinsically safe when installed per control installation drawing EB 8375 EN.

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div. 2, Groups A, B, C and D:

I/P binary converters, Series 3.962, rated as shown in Samson Installation Instruction EB 962-2E.

Note: Model 3.962-3X10 is Certified as a component for use in other enclosure where the suitability of final combination is subject to acceptance by CSA or local inspection having jurisdiction.

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

Model 3701 Solenoid Valve, nominal signal voltage input rated 6Vdc, 12Vdc or 24Vdc, Temperature Code T6 at ambient of +60°C, T5 at +70°C and T4 at +80°C, Type 3 Enclosure.

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

CSA Std C22.2 No. 139-1982 - Electrically Operated Valves

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



Certificate: 1607252 (LR 54227-3)

Master Contract: 173246

Project: 1607252

Date Issued: 2005/09/16

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

- CSA Monogram;
- Submitter identification;
- Model number;
- Serial number or date code;
- Electrical rating/Entity parameters;
- Hazardous location designation;
- Symbol 'Ex ia';
- Reference to installation drawing number;
- Temperature code rating;
- Maximum ambient; and
- Certification year and Certificate number followed by an indicator 'X'.



Supplement to Certificate of Compliance

Certificate: 1607252

Master Contract: 173246

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
1607252	2005/09/16	Update to Model 3701 to cover Entity Concept per C22.2 No. 157 and E60079-11, and Class II

History

LR 54227-33 Oct. 15/98 Solenoid valve coil Model 1079-22xx.

LR 54227-7 Jan. 17/90 Update to Reports LR 54227-1, -3 and -5 to cover Enclosure 3 rating for Models 4746, 6102, 3772 and 3707.

LR 54227-6 Oct. 25/88 Addition of Class I, Div. 2 rating for Models 3962 and 3701.

LR 54227-3 Sept. 1/88 Original certification.