



Certificate of Compliance

Certificate:	1289811	Master Contract:	158654
Project:	80312758	Date Issued:	2026-09-21
Issued to:	Sierra Instruments Incorporated 20 Ryan Ranch Road Suite 109 Monterey, California 93940 United States	Issued by:	<i>Mouhamad Dalal</i> Mouhamad Dalal
Attention: Jerry Mullison			

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



PRODUCTS

Class 2258 02 PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Groups B, C and D T3;

Class II, Groups E, F and G T3;

Ta = -40°C to +50°C

Mass Flowmeter, Models 640S, 780S, and 780S-UHP; rated input 18-30 Vdc, 625 mA max.; 85-265 Vac, 50/60 Hz, 15 W max.; Outputs: 0-5 Vdc, 0-10 Vdc, 4-20 mA; Enclosure Type 4X;

Note: The model designations include alpha-numeric suffixes, denoting specific electrical and mechanical features.



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APPLICABLE REQUIREMENTS

Standards Used	Description
CSA C22.2 No. 25:17 (R2022)	Enclosures for use in Class II, Division 1, Groups E, F, and G hazardous locations - Fourth Edition
CSA C22.2 No. 30-M1986	Explosion-Proof Enclosures for Use in Class I Hazardous Locations Industrial Products - General Instruction No 1-2
CSA C22.2 No. 94-M91 - Fourth Edition	Special Purpose Enclosures Industrial Products
CSA C22.2 No. 142-M1987 - Third Edition	Process Control Equipment



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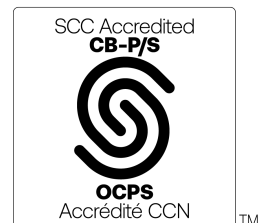
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Notes:

Products certified under Class(es) C225802 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

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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

Project	Date	Description
80312758	2026-09-21	Evaluation for update to CSA report 1289811 for Explosion-Proof, XP protected, Mass Flowmeter, Models 640S, 780S, and 780S-UHP to update the ambient temperature to Ta = -40°C to +50°C
80290734	2026-04-23	Evaluation for update to CSA report 1289811 for Mass Flowmeter, Models 640S, 780S, and 780S-UHP to update the model codes and to add a new company address. CSA C22.2 No. 25-M1966 (R 2009) to also be update to CSA C22.2 No. 25-17 (R2022) as per the applicable Hazloc Notice, Hazardous Locations Products No. 35.
2654518	2013-09-23	Update of Report 1289811 to include new drawing revisions.
2294280	2010-06-17	Update of Report 1289811 to include revised drawings
1289811	2002-09-09	Supersedes LR 9555-1 to update report to cover changes to 640S, 780S and 780S-HP/UHP. Delisting of 640, 760, 780, 760S & 760S-HP/UHP.
LR 95551-7	1999-10-22	Update to -1 Report to include Models 640S, 780S, 760S-HP/UHP and 780S-HP/UHP.
LR 95551-4	1997-11-21	Update to include Model 780 and various other change
LR 95551-3	1996-03-05	Update to include welded probe assembly. (C of C issued)
LR 95551-1	1993-03-08	Original Certification