



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX ETL 25.0048X** Page 1 of 4 [Certificate history:](#)
Issue 0 (2025-11-13)

Status: **Current** Issue No: 1

Date of Issue: 2026-01-23

Applicant: **Ametek Canada LP**
2876 Sunridge Way NE
Calgary, AB T1Y 7H9
Canada

Equipment: **Gas Analyzer (Model: 993X-EXD XXX XXX)**

Optional accessory:

Type of Protection: **Ex db eb mb**

Marking: Ex db eb mb IIB+H2 T6...T3 Gb
-20°C to +50°C
IECEX ETL 25.0048X

Approved for issue on behalf of the IECEx
Certification Body:

Hope Alm

Position:

Certification Officer

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Intertek
3933 US Route 11 South
Cortland NY 13045-2995
United States of America

intertek



IECEX Certificate of Conformity

Certificate No.: **IECEX ETL 25.0048X**

Page 2 of 4

Date of issue: 2026-01-23

Issue No: 1

Manufacturer: **Ametek Canada LP**
2876 Sunridge Way NE
Calgary, AB T1Y 7H9
Canada

Manufacturing locations: **Ametek Canada LP**
2876 Sunridge Way NE
Calgary, AB T1Y 7H9
Canada

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-18:2017](#) Explosive atmospheres - Part 18: Protection by encapsulation "m"
Edition:4.1

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[US/ETL/ExTR25.0043/00](#)

[US/ETL/ExTR25.0043/01](#)

Quality Assessment Report:

[NO/DNV/QAR25.0011/00](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX ETL 25.0048X**

Page 3 of 4

Date of issue: 2026-01-23

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The product covered under this certificate is a wall-mounted process analyzer designed for measuring concentrations of gases. The product is available in two configurations, configured at the factory per customer/end user requirements as follows: 120VAC, 50/60Hz and 240VAC, 50/60Hz.

The equipment has a temperature classification of T6...T3 which is dependent on the SIL2- rated temperature device that is required to control the heater to ensure the heater remains below the maximum allowed temperatures.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The flameproof joints of the equipment as well as the Ex db parts fitted on the enclosure shall not be repaired or modified. For maintenance and/or repairs and information on the dimensions of the flameproof joints, contact the equipment manufacturer.
- The heater must be operated from a grounded power supply.
- To maintain the temperature classification of T6...T3, the heater (Certified under IECEX CML 23.0058X) must be controlled by a SIL2-rated temperature device set to activate at the specified set point listed below dependent on the designated temperature classification as follows:

Temperature Class	Thermostat Set Point (°C)
T6	75
T5	90
T4	125
T3	190



IECEX Certificate of Conformity

Certificate No.: **IECEX ETL 25.0048X**

Page 4 of 4

Date of issue: 2026-01-23

Issue No: 1

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- Updated Temperature Code from "T4" to "T6...T3".
- Updated QAR Reference from "NL/DEK/QAR12.0037/07" to "NO/DNV/QAR25.0011/00".
- Added Product Description "The equipment has a temperature classification of T6...T3 which is dependent on the SIL2- rated temperature device that is required to control the heater to ensure the heater remains below the maximum allowed temperatures."
- Added Specific Conditions of Use for maintaining Temperature Code T6...T3.
- Updated Document PN 11356-15-5 from revision B to C.

Annex:

[Annex to IECEx C of C - Cortland.pdf](#)



Annex to IECEx Certificate of Conformity

Certificate No:	IECEX ETL 25.0048X	Issue No. 1
Annex No. 2		

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
*Manual and Marking Requirements (993X Analyzer Series)	PN 11356-15-5	C	1/13/2026
Certification Drawing, 993XWM-EXD, Z1 Analyzer, IECEx, ATEX	WX-INT-993XWM-EXD-Z1	D	10/7/2025

*Note: An * is included before the title of documents that are new or revised.*

Certificate issued by:

intertek

Total Quality. Assured.

Intertek Testing Services NA, Inc.
3933 Route 11
Cortland, NY 13045, USA

Page 1 of 3

SFT-IECEX-OP-19f
(16 January 2025)



Annex to IECEx Certificate of Conformity

Certificate No:	IECEx ETL 25.0048X	Issue No. 1
Annex No. 2		

IECEx Certified Components on Which Conformance Depends					
Item	Description	Manufacturer	Type	Certificate No. / Standards*	Coding / Ratings
1	Conduit Fittings	Killark – A Division of Hubbell Inc. (Delaware)	GUM-1-EX	IECEx QPS 16.0012X/02 IEC 60079-0:2017, Ed.7 IEC 60079-1:2014, Ed.7	Ex db IIC* Gb ½" Pipe Union, Aluminum
2	Gas Sensing Heads (Optional)	SGX Europe Sp.z.o.o.	VQ600, IR600 Series	IECEx OBAC 24.0007X/00 IEC 60079-0:2017, Ed.7 IEC 60079-1:2014, Ed.7	Ex db IIC T5 Gb Supply voltage: 5V max Power consumption: 2W
3	Gas Detectors (Optional)	N.E.T. S.r.l.	NETC3 Series	IECEx CES 12.0009X/02 IEC 60079-0:2017, Ed.7 IEC 60079-1:2014, Ed.7	Ex db IIC T6, T5 Gb
4	Cable Gland (Optional)	CMP Products Limited	20SPX2KXREX1EX53 1 20PXSS2KREX1EX5 25PXSS2KREK1EX5	IECEx CML 18.0182X/01 IEC 60079-0:2017, Ed.7 IEC 60079-1:2014, Ed.7	Ex db IIC Gb -60°C to +85°C
5	Thread Adapters / Reducers (Optional)	Eaton Electrical Systems Ltd Trading as Redapt, Raxton or Capri	AD-U-1-1-29-30 RD-U-1-1-05-04 RD-U-3-0-05-29	IECEx ITS 16.0013X/04 IEC 60079-0:2017, Ed.7 IEC 60079-1:2014, Ed.7	Ex db IIC Gb
6	Stopping Plug (Optional)	Eaton Electrical Systems Ltd Trading as Redapt, Raxton or Capri	PD-U-3-0-05 PD-U-1-109-00 PA-D-1-1-30-00	IECEx ITS 16.0012X/04 IEC 60079-0:2017, Ed.7 IEC 60079-1:2014, Ed.7	Ex db IIC Gb -60°C to +200°C
7	Junction Box / Terminal Box	CORTEM S.p.A.	ST-16.1	IECEx CES 14.0018X/00 *IEC 60079-0:2011, Ed.6 *IEC 60079-1:2007, Ed.6	Ex d IIC T... Gb IP 66/67 -40°C to +150°C
8	3-Way Solenoid Valve	Burkert Werke GmbH & Co. KG	6014-C01, 2FFVAFB01-5- 024/UC- 03*JW10+PU15+PX 66	IECEx EPS 18.0110X/03 IEC 60079-0:2017, Ed.7 IEC 60079-18:2017, Ed.4.1 IEC 60079-7:2017, Ed.5.1	Ex eb mb IIC T6...T4 Gb

Certificate issued by:

intertek

Total Quality. Assured.

Intertek Testing Services NA, Inc.
3933 Route 11
Cortland, NY 13045, USA

Page 2 of 3

SFT-IECEx-OP-19f
(16 January 2025)



Annex to IECEx Certificate of Conformity

Certificate No:	IECEX ETL 25.0048X	Issue No. 1
Annex No. 2		

IECEX Certified Components on Which Conformance Depends					
Item	Description	Manufacturer	Type	Certificate No. / Standards*	Coding / Ratings
9	2-Way Solenoid Valve	Burkert Werke GmbH & Co. KG	6013-A01, 2FFVAFB01-5- 024/UC- 03*JW10+PU15+PX 66	IECEX EPS 18.0110X/03 IEC 60079-0:2017, Ed.7 IEC 60079-18:2017, Ed.4.1 IEC 60079-7:2017, Ed.5.1	Ex eb mb IIC T6...T4 Gb
10	Heater Assembly	Ametek Canada LP	99XX	IECEX CML 23.0058X/00	Ex db IIC T6...T3 Gb -20°C to +80°C

* "Technical Differences evaluated and found satisfactory – for detail see ExTR (US/ETL/ExTR25.0043/00)"

Certificate issued by:

intertek

Total Quality. Assured.

Intertek Testing Services NA, Inc.
3933 Route 11
Cortland, NY 13045, USA

Page 3 of 3

SFT-IECEX-OP-19f
(16 January 2025)