



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx QPS 19.0006X

Issue No: 0

Certificate history:

Issue No. 0 (2019-05-15)

Status: **Current**

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Date of Issue: **2019-05-15**

Applicant: **AMETEK Process & Analytical Instruments Division**
150 Freeport Rd
Pittsburgh, PA 15238
United States of America

Equipment: **AMEVision Display User Interface**

Optional accessory:

Type of Protection: **"ec" , "nC"**

Marking:

IECEX QPS 19.0006

Ex ec nC IIC T6 Gc

T_{amb}: -20°C to +55°C

*Approved for issue on behalf of the IECEx
Certification Body:*

D. Adams, P. Eng.

Position:

Manager, Hazardous Locations (Ex Equipment) Deptment

*Signature:
(for printed version)*

Date:

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 the [Official IECEx Website](#).

Certificate issued by:

QPS
Evaluation Services Inc.
81 Kelfield St
Unit 8
Toronto, Ontario M9W 5A3
Canada





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Manufacturer: **AMETEK Process & Analytical Instruments Division.**
150 Freeport Rd
Pittsburgh, PA 15238
United States of America

Additional Manufacturing location(s):

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 apparatus 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 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-15 : 2017 Edition:5.0	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical 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 Report:

[CA/QPS/ExTR19.0007/00](#)

Quality Assessment Report:

[NO/DNV/QAR10.0007/02](#)

[NO/DNV/QAR10.0007/03](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The User Display Interface unit model AMEVision Display User Interface is a graphical user interface and communications suite for the AMETEK WDG-V combustion analyser. The equipment is intended to be stationary and used in an industrial environment. The equipment is mains powered and operates at 115-230 Vac, 47-63 Hz, 40 VA max. The product consists of a sealed power supply and membrane keypad switch assembly. The AMEVision Display User Interface also equipped with 24 position Terminal blocks for low voltage signal connections.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Transient protection up to 7 V shall be provided during installation for the Ethernet connections,
2. The product shall be provided with protection against exposure to daylight and light from luminaires,
3. Unused entries must be blanked using the appropriate Ex ec blanking plugs.
4. The cable glands and blanking plugs must also maintain an ingress protection rating minimum of IP54.
5. The 24 Position Terminal blocks is for Low voltage signal connections.