



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 UL 13.0004 issue No.:3
Status: **Current**
Date of Issue: **2014-11-21** Page 1 of 4

Certificate history:
Issue No. 3 (2014-11-21)
Issue No. 2 (2014-1-13)
Issue No. 1 (2013-7-24)
Issue No. 0 (2013-6-25)

Applicant: **Meriam Process Technologies**
10920 Madison Ave.
Cleveland, OH 44102
United States of America

Electrical Apparatus: **HART Communicator**
Optional accessory:

Type of Protection: **Intrinsic Safety "ia"**

Marking: Ex ia IIC T4 Ga
-20°C to +50°C

Approved for issue on behalf of the IECEx
Certification Body:

Erin LaRocco

Position:

Senior Project Engineer

Signature:
(for printed version)

Date:

2014-11-21

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](http://www.iecex.com).

Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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Manufacturer: **Meriam Process Technologies**
10920 Madison Ave.
Cleveland, OH 44102
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 electrical 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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-0 : 2007-10 Edition: 5	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-0 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2006 Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-11 : 2011 Edition: 6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-26 : 2006 Edition: 2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga

*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:

[US/UL/ExTR13.0004/00](#)
[US/UL/ExTR13.0004/03](#)

[US/UL/ExTR13.0004/01](#)

[US/UL/ExTR13.0004/02](#)

Quality Assessment Report:

[US/UL/QAR10.0011/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The apparatus, a HART Communicator, designated as Model 5150X is a handheld process communicator for use in Class I, Zone 0, Group IIC T4 with an ambient temperature range of -20°C to +50°C.

CONDITIONS OF CERTIFICATION: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1: Remove Conditions of Certification since this information appears on the product.

Issue 2: Additional IECEx Test Reports involving IEC 60079-0 Ed. 4, IEC 60079-0 Ed. 5 and IEC 60079-11 Ed. 5 included for global market access purposes

Issue 3: A change was made to the battery pack regarding the power to peripherals, display, back light, main and sbs.