



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

Certificate No.: IECEx FMG 13.0034X

Issue No: 3

Certificate history:

Issue No. 3 (2019-02-11)

Issue No. 2 (2018-08-10)

Issue No. 1 (2015-12-04)

Issue No. 0 (2014-11-05)

Status: **Current**

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Date of Issue: **2019-02-11**

Applicant: **Moore Industries International, Inc.**  
16650 Schoenborn St  
North Hills, CA 91343-6196  
United States of America  
**United States of America**

Equipment: **Model TDZ3, THZ3 and STZ Temperature Transmitter**

*Optional accessory:*

Type of Protection: **Intrinsic Safety; Non-Sparking**

Marking:

Ex ia IIC Ga

Ex nA IIC Gc

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

J.E.Marquedant

*Position:*

VP, Manager - Electrical Systems

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

Certificate issued by:

**FM Approvals LLC**  
1151 Boston-Providence Turnpike  
Norwood, MA 02062  
United States of America



*Member of the FM Global Group*



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Manufacturer: **Moore Industries International, Inc.**  
16650 Schoenborn St  
North Hills, CA 91343-6196  
United States of America  
**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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2011</b> Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-15 : 2010</b> Edition:4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
<b>IEC 60079-26 : 2006</b> 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/FMG/ExTR14.0034/00](#)      [US/FMG/ExTR14.0034/01](#)      [US/FMG/ExTR14.0034/02](#)  
[US/FMG/ExTR14.0034/03](#)

### Quality Assessment Report:

[GB/FME/QAR18.0009/00](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

*See Addendum.*

### SPECIFIC CONDITIONS OF USE: YES as shown below:

**Type EPL Ga Equipment** 1. The Model TDZ3, THZ3, STZ Temperature Transmitter shall be installed in an enclosure which maintains an ingress protection rating of IP20. 2. The communications port shall be programmed through certified intrinsically safe apparatus as described on control drawing 100-100-80, 100-100-81, 100-100-83 and 100-100-84.

**Type EPL Gc Equipment** 1. When installed as EPL Gc equipment, the Model TDZ3, THZ3, STZ Temperature Transmitter shall be mounted within a tool-secured enclosure which meets the requirements of IEC60079-0 and IEC60079-15 and be capable of accepting the applicable wiring methods for the country of origin. The enclosure shall, at a minimum, meet the requirements of IP54. 2. On installation, the Model TDZ3, THZ3, STZ Temperature Transmitter shall be provided with supply transient protection external to the apparatus such that the voltage at the supply terminals of the Model TDZ3, THZ3, STZ Temperature Transmitter does not exceed does not exceed 119V peak or 119Vdc..



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

Added Stainless Steel Enclosure option and removed options that are no longer being used. updated Documents.



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**Additional information:**

*See attachment.*

**Annex:**

[IECEX FMG 13.0034X Addendum.docx](#)