

# Certificate of Compliance

Certificate: 1112663 (LR 49334-26)

Master Contract: 168872


Project: 1463618 (Edition 5)


Date Issued: May 24, 2004

Issued to: **Metrix Instrument Co.**  
1711 Townhurst Dr  
Houston, TX 77043  
USA

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'*



Issued by:   
Jay R McVeigh

Authorized by:   
Patricia Pasemko  
Operations Manager

## CLASS

2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non Incendive Systems - For Hazardous Locations

2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non Incendive Systems - For Hazardous Locations - To U.S. Standards

## PRODUCTS

Class I, Div. 2, Groups A, B, C, and D

Models 5534 and 5544 Signal Conditioner (Transmitter); Provides non-incendive circuits to 5475C, 5485C, and CEC 4-131, velocity transducers when installed per drawing no. 9031. Maximum Ambient 66°C. Rated 30 V dc maximum.

Models 5535 and 5545 Signal Conditioner (Transmitter); Provides non-incendive circuits to SA6200-1X1, SA6250-1X1 or SA6200A-1X1 or SA6200A-abc accelerometer when installed per drawing no. 9031. Maximum Ambient 66°C. Rated 30 V dc maximum.

**Note:** The transmitters are Certified as components for use in suitable enclosure where the final combination is subject to acceptance by the local authority.

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



CSA INTERNATIONAL

Certificate: 1112663

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**APPLICABLE REQUIREMENTS**

- CAN/CSA-C22.2 No. 0 - General Requirements
- CAN/CSA-C22.2 No. 0.4 - Grounding and Bonding of Electrical Equipment
- CAN/CSA-C22.2 No. 142-M1987- Process Control Equipment
- CAN/CSA-C22.2 No. 213-M1987- Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- UL Std No. 1604 - Electrical Equipment for Use in Class I and II, Division 2; Class III Hazardous (Classified) Locations
- UL Std No. 916 - Energy Management Systems



CSA INTERNATIONAL

## Supplement to Certificate of Compliance

Certificate: 1112663 (LR 49334-26)

Master Contract: 168872

*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
LR 49334-26	May 29/98	Models 5534 and 5544 transmitters with 5475C, 5485C, and CEC 4-131, velocity transducers. Models 5535 and 5545 transmitters with SA6200-1X1 accelerometer.
1112663	August 10, 2000	Supersedes Report LR 49334-26; Include alternate components and Accelerometer, Model SA6250-1X1.
1349341	August 21, 2002	Update to Report 1112663 to include revised drawings.
1502874	December 15, 2003	Update to Report 1112663 to allow alternate construction - Drawing Changes.
1463618	May 24, 2004	Update to Report 1112663 to include Model SA6200A-abc Accelerometer for use in Class I, Div. 2, non-incendive, Groups A, B, C, and D, being previously Certified under Certificate 1310513 for use in Class I, Div. I, Groups A, B, C, and D

**The following pages are the prior revisions of this certificate.**

# Certificate of Compliance

**Certificate:** 1112663 (LR 49334-26)

**Master Contract:** 168872

**Project:** 1502874 (Edition 4)

**Date Issued:** December 15, 2003

**Issued to:** Metrix Instrument Co.  
1711 Townhurst Dr  
Houston, TX 77043  
USA

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'*



**Issued by:**

A handwritten signature in black ink, appearing to be 'AK'.

Alexander E. Kandathil, C.E.T.

**Authorized by:**

A handwritten signature in black ink, appearing to be 'P. Pasemko'.

Patricia Pasemko  
Operations Manager

## CLASS

- 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non Incendive Systems - For Hazardous Locations  
2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non Incendive Systems - For Hazardous Locations - To U.S. Standards

## PRODUCTS

Class I, Div. 2, Groups A, B, C, and D

Models 5534 and 5544 Signal Conditioner (Transmitter); Provides non-incendive circuits to 5475C, 5485C, and CEC 4-131, velocity transducers when installed per drawing no. 9031. Maximum Ambient 66°C. Rated 30 V dc maximum.

Models 5535 and 5545 Signal Conditioner (Transmitter); Provides non-incendive circuits to SA6200-1X1, SA6250-1X1 or SA6200A-1X1 accelerometer when installed per drawing no. 9031. Maximum Ambient 66°C. Rated 30 V dc maximum.

**Note:** The transmitters are Certified as components for use in suitable enclosure where the final combination is subject to acceptance by the local authority.

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



**Certificate:** 1112663  
**Project:** 1502874

**Master Contract:** 168872  
**Date:** December 15, 2003

**APPLICABLE REQUIREMENTS**

- CSA Std C22.2 No. 142-M1987 - Process Control Equipment
- CSA Std C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2  
Hazardous Locations
- UL Std No. 1604 - Electrical Equipment for Use in Class I and II, Division 2; Class III  
Hazardous (Classified) Locations
- UL Std No. 916 - Energy Management Systems



## Supplement to Certificate of Compliance

Certificate: 1112663 (LR 49334-26)

Master Contract: 168872

*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
LR 49334-26	May 29/98	Models 5534 and 5544 transmitters with 5475C, 5485C, and CEC 4-131, velocity transducers. Models 5535 and 5545 transmitters with SA6200-1X1 accelerometer.
1112663	August 10, 2000	Supercedes Report LR 49334-26; Include alternate components and Accelerometer, Model SA6250-1X1.
1349341	August 21, 2002	Update to Report 1112663 to include revised drawings.
1502874	December 15, 2003	Update to Report 1112663 to allow alternate construction - Drawing Changes.