

Listing #: E115725
 Report #: 126117
 Original Certification Date: November 4, 2024
 Revised Certification Date:

This Certification is issued to:
 Metrix Instrument Co.
 8824 Fallbrook Dr.
 Houston, Texas, 77064
 United States



Stating that the product(s):
 Accelerometer,
 Model SA6200A-abc

Product Rating(s):

- SA6200A-1bc: $V_{max} = 30V$, $I_{max} = 100mA$
- SA6200A-3bc: $30V_{max}$

Hazardous Location Rating:

- SA6200A-1bc (Intrinsically Safe):
 - Class I, Division 1, Groups A, B, C, D, T3...T4
 - T3: $-54^{\circ}C$ to $+121^{\circ}C$
 - T4: $-54^{\circ}C$ to $+121^{\circ}C$
 - $V_{max} = 30V$, $I_{max} = 100mA$, $C_i = 12nF$, $L_i = 0uH$
- SA6200A-3bc (Non-Incendive):
 - Class I, Division 2, Groups A, B, C, D, T3...T4
 - T3: $-54^{\circ}C$ to $+121^{\circ}C$
 - T4: $-54^{\circ}C$ to $+121^{\circ}C$
 - $V_{max} = 30V$

Achieved Certification to the following standard(s):

CSA Std C22.2 No. 0-M1991, General Requirements Canadian Electrical Code Part II.
 CSA Std C22.2 No. 142-M1987, Process Control Equipment.
 CSA Std C22.2 No. 157-M1992, Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
 CSA Std C22.2 No. 213-M1987, Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
 ANSI/UL Standard 508, Ed. 17, Electric Industrial Control Equipment
 ANSI/UL Standard 913, Ed. 6, Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Div. 1, Hazardous (Classified) Locations
 ANSI/ISA 12.12.01: 2007, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

METRIX DOC No: 1159276

REV: C



Nehemya Cohen
Eurofins Electrical and Electronic Testing North America, LLC

All changes proposed in the previously identified product that affects the above information must be submitted to Eurofins for evaluation prior to implementation to assure continued NRTL Certification status. The covered product(s) shall be subject to follow-up inspections to ensure that the Certified product(s) are identical to the product sample evaluated by Eurofins E&E NA and that all responsibilities are being fulfilled as specified in the Applicants' Responsibility section of the Certification Report. The Applicant named above has been authorized Eurofins E&E NA to represent the product(s) listed in this record as "MET Certified" and to mark this/these product(s) according to the terms and conditions of the Eurofins E&E NA Applicant Contract, Listing Reports, and the applicable agreements. Only the product(s) bearing the MET Mark and under a follow-up service are considered to be included in this Certification program. This certification has been granted under a System 3 program as defined in ISO/IEC 17067.



Eurofins E&E North America, Inc. is accredited by OSHA and the Standards Council of Canada.

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METRIX DOC No: 1159276
REV: C



The following pages are the prior revisions of this certificate.



Certificate of Compliance

Certificate: 1310513

Master Contract: 168872 (049334_0_000)

Project: 70082094

Date Issued: 2016-08-25

Issued to: Metrix Instrument Co.
8824 Fallbrook Dr.
Houston, Texas 77064
USA

Attention: Lance Truong

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Ravindra (Ravi) Kanthe
Ravindra (Ravi) Kanthe

PRODUCTS

CLASS - C225803 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

CLASS - C225883 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive-Systems-For Hazardous Locations-Certified to U.S. Standards

Class I, Division 2, Groups ABCD:

Model SA6200A-abc Accelerometer; Non-Incendive when connected as per drawing 9031 Rev B. Rated at 30Vmax, Temperature Code T3; Ambient -54 to +121°C.

Note:

When the model SA6200A-abc is used with the interface option 5535 or 5545 the cable to the accelerometer shall be suitable for use in Class I, Division 2 Hazardous Classified Locations.

CLASS 2258-04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations

CLASS 2258-84 - Process Control Equipment - Intrinsically Safe, Entity -For Hazardous Locations - Certified to US Standards

METRIX DOC No: 1159276
REV: B



Certificate: 1310513
Project: 70082094

Master Contract: 168872
Date Issued: 2016-08-25

Class I, Division 1, Groups ABCD:

Model SA6200A-abc Accelerometer; Temperature Code T3; Ambient -54 to +121°C; Intrinsically Safe when connected as per drawing 9352 with the following Entity Parameters: $V_{max} = 30V$, $I_{max} = 100mA$, $C_i = 12nF$, $L_i = 0uH$.

APPLICABLE REQUIREMENTS

- CSA Std C22.2 No. 0-M1991 - General Requirements - Canadian Electrical Code Part II.
- CSA Std C22.2 No. 142-M1987 - Process Control Equipment.
- CSA Std C22.2 No. 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
- CSA Std C22.2 No. 213-M1987 - Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- ANSI/UL Standard 508, Ed. 17 - Electric Industrial Control Equipment
- ANSI/UL Standard 913, Ed. 6 - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Div. 1, Hazardous (Classified) Locations
- ANSI/ISA 12.12.01: 2007 - Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

MARKINGS

Please refer the “Descriptive Report and Test Results” document.

METRIX DOC No: 1159276
REV: B



Supplement to Certificate of Compliance

Certificate: 1310513

Master Contract: 168872 (049334_0_000)

*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
70082094	2016-08-25	Update report 1310513 to include 8 revised drawings.
2338209	2010-10-21	Update report 1310513 to include revised drawings to include only critical components and to add cCSAus certification.
1543958	2005-03-16	Update to include Drawing Revisions and Add Non-Incendive Rating
1470160	2003-08-19	Update to 1310513 to allow alternate construction - Drawing revisions.
1310513	2002-09-03	Model SA6200A Accelerometer for use in Hazardous Locations.

METRIX DOC No: 1159276
REV: B



The following pages are the prior revisions of this certificate.



Certificate of Compliance

Certificate: 1310513 (LR 49334)

Master Contract: 168872

Project: 2338209

Date Issued: October 21, 2010

Issued to: Metrix Instrument Co.

8824 Fallbrook Dr.
Houston, TX 77064
USA

Attention: David Dobsky

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Ron Wachowicz

Issued by: Ron Wachowicz, C.E.T.

PRODUCTS

- CLASS 2258 03** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non - Incendive Systems - For Hazardous Locations
- CLASS 2258 83** - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive - Systems-For Hazardous Locations-Certified to U.S. Standards
- CLASS 2258 04** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations
- CLASS 2258 84** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - - For Hazardous Locations - Certified to US Standards

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

CLASS 2258-83 - Process Control Equipment - Intrinsically Safe and Non-Incendive Systems - HazLoc - Certified to U.S. Standards

Class I, Division 2, Groups ABCD:

METRIX DOC No: 1159276
REV: A



Certificate: 1310513 (LR 49334)

Master Contract: 168872

Project: 2338209

Date Issued: October 21, 2010

Model SA6200A-abc Accelerometer; Non-Incendive when connected as per drawing 9031 Rev B. Rated at 30Vmax, Temperature Code T3; Ambient -54 to +121°C.

CLASS 2258-04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations

CLASS 2258-84 - Process Control Equipment - Intrinsically Safe, Entity -For Hazardous Locations - Certified to US Standards

Class I, Division 1, Groups ABCD:

Model SA6200A-abc Accelerometer; Temperature Code T3; Ambient -54 to +121°C; Intrinsically Safe when connected as per drawing 9352 with the following Entity Parameters: Vmax = 30V, Imax = 100mA, Ci = 12nF, Li = 0uH.

APPLICABLE REQUIREMENTS

C22.2 No 0 M1991 - General Requirements Canadian Electrical Code Part II.

C22.2 No. 142-M1987 - Process Control Equipment.

C22.2 No. 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.

C22.2 No. 213-M1987 - Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.

ANSI/UL Standard 508, Ed. 17 - Electric Industrial Control Equipment.

ANSI/UL Standard 913, Ed. 6 - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Div. 1, Hazardous (Classified) Locations.

ANSI/ISA 12.12.01: 2007 - Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations.



Supplement to Certificate of Compliance

Certificate: 1310513

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
2338209	October 21, 2010	Update report 1310513 to include revised drawings to include only critical components and to add cCSAus certification.
1543958	March 16, 2005	Update to include Drawing Revisions and Add Non-Incendive Rating

History

Project	Date	Description
1310513	2002/09/03	Original Certification
1470160	2003/08/19	Update to cover drawing revisions.

The following pages are the prior revisions of this certificate.



Certificate of Compliance

Certificate: 1310513 (49334)

Master Contract: 168872

Project: 1543958

Date Issued: 2005/03/18

Issued to: Metrix Instrument Co.
1711 Townhurst Dr
Houston, Texas 77043
USA
Attention: David Dobsky

The products listed below are eligible to bear the CSA Mark shown



Issued by: Patrick Conway

Authorized by: Patricia Pasemko, Operations
Manager

PRODUCTS

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For
Hazardous Locations

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

Class I, Division 1, Groups A,B,C,D

Model SA6200A-abc Accelerometer; Temperature Code T3; Ambient -54 to +121°C; Intrinsically Safe when
connected as per drawing 9352 with the following Entity Parameters: Vmax = 30V, Imax = 100mA, Ci = 12nF,
Li = 0uH

Class I, Division 2, Groups A, B, C, and D

Model SA6200A-abc Accelerometer;; Non-Incendive when connected as per drawing 9031 Rev B. Rated at

METRIX DOC No: 1159276
REV: A



Certificate: 1310513 (49334)

Master Contract: 168872

Project: 1543958

Date Issued: 2005/03/18

30Vmax, Temperature Code T3; Ambient -54 to +121°C

APPLICABLE REQUIREMENTS

C22.2 No 0 M1991 General Requirements Canadian Electrical Code Part II.

C22.2 No. 142-M1987 - Process Control Equipment.

C22.2 No. 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

C22.2 No. 213-M1987 - Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

METRIX DOC No: 1159276 REV: A
