



# Certificate of Compliance

**Certificate:** 1336247

**Master Contract:** 168872

**Project:** 70009871

**Date Issued:** February 4, 2015

**Issued to:** **Metrix Instrument Co.**  
**8824 Fallbrook Dr.**  
**Houston, TX 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.*



*Nicholas Cameron*

**Issued by:** Nicholas Cameron

## **PRODUCTS**

- CLASS 2258 84** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - - For Hazardous Locations - Certified to US Standards
- CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards
- CLASS 2258 04** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations
- CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

**CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards

## **NI: Class I, Division 2, Groups ABCD**

Models IT6810 and IT6811; 2-Wire / 4-20mA Impact Transmitters; Ambient Temperature -40°C to +100°C; Temperature Code T4; Enclosure Type 4; Input Rated: 15-30 Vdc, 100 mA, Output: 4-20 mA.

METRIX DOC No: 1162536  
REV: D



**Certificate:** 1336247

**Master Contract:** 168872

**Project:** 70009871

**Date Issued:** February 4, 2015

---

**XP: Class I, Division 1, Groups BCD:**

Models IT6812; 2-Wire / 4-20mA Impact Transmitters; Ambient Temperature -40°C to +100°C; Temperature Code T4; Enclosure Type 4; Explosion Proof, Rated: 15-30 Vdc, 100 mA, Output: 4-20 mA.

Note: In Group "B" atmospheres, all conduit runs must have a sealing fitting (not supplied) field installed adjacent to the enclosure.

**CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsicly Safe; Entity - For Hazardous Locations**

**CLASS 2258 84- PROCESS CONTROL EQUIPMENT - Intrinsicly Safe, Entity – For Hazardous Locations – Certified to US Requirements**

**IS: Class I, Division 1, Groups ABCD:**

Models IT6810 and IT6811; 2-Wire / 4-20mA Impact Transmitters; Ambient Temperature -40°C to +100°C; Temperature Code T4; Enclosure Type 4X; Intrinsicly Safe with the following Entity parameters when installed as per drawing 9366; Vmax = 30Vdc, Imax = 100mA, Ci = 29nF, Li = 0uH.

**APPLICABLE REQUIREMENTS**

NI Equipment:

CSA C22.2 No. 0-10 - General Requirements - Canadian Electrical Code Part II

CSA C22.2 No. 94-M91 (R2011) - Special Purpose Enclosures

CSA C22.2 No. 142-M1987 (R2014) - Process Control Equipment

CSA C22.2 No. 213-M1987 (R2013) - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

UL 50, Eleventh Edition - Enclosures for Electrical Equipment

UL 508, Seventeenth Edition - Electric Industrial Control Equipment

ANSI/ISA-12.12.01-2013 - Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

XP Equipment:



**Certificate:** 1336247

**Master Contract:** 168872

**Project:** 70009871

**Date Issued:** February 4, 2015

---

CSA C22.2 No 0-10 - General Requirements - Canadian Electrical Code Part II.

CSA C22.2 No 25-1966 (R 2014) - Enclosures for Use in Class II Groups EFG Hazardous Locations.

CSA C22.2 No 30-M1986 (R 2012) - Explosion-Proof Enclosures for Use in Class I Hazardous Locations.

UL 1203 - 5th Ed (Nov 2013) - Explosion-Proof and DustProof Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations.

**IS Equipment:**

CSA Standard C22.2 No 0-10 - General Requirements - Canadian Electrical Code Part II.

CSA C22.2 No 142-M1987 (R 2014) - Process Control Equipment.

CSA C22.2 No 157-M1992 (R 2012) - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.

UL Standard 508, Seventeenth Edition - Electric Industrial Control Equipment

UL Standard No. 913, 8th Edition - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations



## *Supplement to Certificate of Compliance*

**Certificate:** 1336247

**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**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
70009871	Feb 4, 2015	Update to Report 1336247 to include the addition of I.S. Class I, Div 1 for USA and add N.I. Class 1, Div 2 for CAN and USA for Models IT6810 and IT6811.
2646343	Mar 13, 2014	Update to report 1336247 to add new model IT6812 for Class I, Division 1, Groups BCD, T4 for CAN and USA based on minor enclosure changes to the IT6810.
2202533	Nov 5, 2009	Update to Report 1336247 to include revised drawings.

### **History**

1336247 - Nov 8, 2002 - Original certification of Models IT6810 and IT6811 Impact Transmitters.



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



# Certificate of Compliance

**Certificate:** 1336247

**Master Contract:** 168872

**Project:** 2646343

**Date Issued:** March 13, 2014

**Issued to:** **Metrix Instrument Co.**  
**8824 Fallbrook Dr.**  
**Houston, TX 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.*



*Ron Wachowicz*

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

## **PRODUCTS**

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

**CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations -  
Certified to US Standards

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

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

**CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards

### **XP: Class I, Division 1, Groups BCD:**

Models IT6812; 2-Wire / 4-20mA Impact Transmitters; Ambient Temperature -40°C to +100°C; Temperature Code T4; Enclosure Type 4; Explosion Proof, Rated: 15-30 Vdc, 100 mA, Output: 4-20 mA.

Note: In Group "B" atmospheres, all conduit runs must have a sealing fitting (not supplied) field installed adjacent to the enclosure.

METRIX DOC No: 1162536  
REV: C



**Certificate:** 1336247

**Master Contract:** 168872

**Project:** 2646343

**Date Issued:** March 13, 2014

---

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

**IS: Class I, Division 1, Groups ABCD:**

Models IT6810 and IT6811; 2-Wire / 4-20mA Impact Transmitters; Ambient Temperature -40°C to +100°C; Temperature Code T4; Enclosure Type 4X; Intrinsically Safe with the following Entity parameters when installed as per drawing 9366;  $V_{max} = 30V_{dc}$ ,  $I_{max} = 100mA$ ,  $C_i = 29nF$ ,  $L_i = 0uH$ .

### **APPLICABLE REQUIREMENTS**

XP Equipment:

CSA C22.2 No 0-10 - General Requirements - Canadian Electrical Code Part II.

CSA C22.2 No 25-1966 (R 2009) - Enclosures for Use in Class II Groups EFG Hazardous Locations.

CSA C22.2 No 30-M1986 (R 2012) - Explosion-Proof Enclosures for Use in Class I Hazardous Locations.

UL 1203 - 5th Ed (Nov 2013) - Explosion-Proof and DustProof Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations.

IS Equipment:

CSA Standard C22.2 No 0-10 - General Requirements - Canadian Electrical Code Part II.

CSA C22.2 No 142-M1987 (R 2009) - Process Control Equipment.

CSA C22.2 No 157-M1992 (R 2012) - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.



## *Supplement to Certificate of Compliance*

**Certificate:** 1336247

**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**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
2646343	Mar 13, 2014	Update to report 1336247 to add new model IT6812 for Class I, Division 1, Groups BCD, T4 for CAN and USA based on minor enclosure changes to the IT6810.
2202533	Nov 5, 2009	Update to Report 1336247 to include revised drawings.

### **History**

1336247 - Nov 8, 2002 - Original certification of Models IT6810 and IT6811 Impact Transmitters.

METRIX DOC No: 1162536 REV: C
----------------------------------



# Certificate of Compliance

**Certificate:** 1336247

**Master Contract:** 168872

**Project:** 2202533

**Date Issued:** 2009/11/05

**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*



*Andrew Redeker*

**Issued by:** Andrew Redeker

## PRODUCTS

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

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

Models IT6810 and IT6811; 2-Wire / 4-20mA Impact Transmitters; Ambient Temperature -40°C to +100°C; Temperature Code T4; Enclosure Type 4X; Intrinsically Safe with the following Entity parameters when installed as per drawing 9366; Vmax = 30Vdc, Imax = 100mA, Ci = 29nF, 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.

METRIX DOC No: 1162536  
REV: B



## *Supplement to Certificate of Compliance*

**Certificate:** 1336247

**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**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
2202533	2009/11/05	Update to Report 1336247 to include revised drawings.

### **History**

1336247 - Nov 8, 2002 - Original certification of Models IT6810 and IT6811 Impact Transmitters.

# Certificate of Compliance

**Certificate:** 1336247 (LR 49334)

**Master Contract:** 168872

**Project:** 1336247

**Date Issued:** 2002-11-08

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

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



*Andrew Redeker*  
**Issued by:** Andrew Redeker, C.E.T.  
Certification Specialist

*Terry Nagy*  
**Authorized by:** Terry Nagy  
Operations Manager

**CLASS**

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

**PRODUCTS**

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

Models IT6810 and IT6811; 2-Wire / 4-20mA Impact Transmitters; Ambient Temperature -40°C to +100°C; Temperature Code T4; Enclosure Type 4X; Intrinsically Safe with the following Entity parameters when installed as per drawing 9366; Vmax = 30Vdc, Imax = 100mA, Ci = 29nF, Li = 0uH

**APPLICABLE REQUIREMENTS**

- CSA Standard C22.2 No 0-M1991 - General Requirements - Canadian Electrical Code Part II.
- 142-M1987 - Process Control Equipment.
- 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.

METRIX DOC No: 1162536  
REV: A



*Supplement to Certificate of Compliance*

**Certificate:** 1336247 (LR49334)

**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**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
1336247	2002-11-08	Original Certification of Models IT6810 and IT6811 Impact Transmitters for Hazardous Locations.

METRIX DOC No: 1162536  
REV: A