



# Certificate of Compliance

**Certificate:** 80036565

**Master Contract:** 273412

**Project:** 80036565

**Date Issued:** March 25, 2020

**Issued To:** Canada Sensors Technology Inc.  
10 - 328 Wale Road  
Victoria, British Columbia, V9B 0J8  
Canada

**Attention:** Ron Hafichuk

*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:** *Sze-Oi (Patrick) Ma*  
Sze-Oi (Patrick) Ma



## **PRODUCTS**

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

CLASS - C225286 - PROCESS CONTROL EQUIPMENT Certified to US Standards

Process 1, Process 1-HYD, Process 2, Process 2-HYD, Process 8, Process 8-HYD & Process 10, 14 to 33Vdc, 20mA max, ambient temperature range -40°C to +95 °C, Type 4 enclosure.

## **Notes:**

1. The above model is permanently connected, Pollution Degree 4, Overvoltage Category I.
2. Mode of operation: Continuous
3. Environmental Conditions: Normal: -40°C to +95°C, 3,048 m (10,000 ft.) max, Humidity max 95% rh, non-condensing. Operating temperature is -40°C to +75°C when Optional Electrical Connection Accessory, Display Head, is used.
4. Not evaluated for use with flammable fluids



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5. Powered by certified Class 2 Power Supply as defined in the Canadian Electrical Code or National Electrical Code or by a CSA C22.2 No.60950 -1/ UL 60950-1 certified limited power source (LPS)
  6. Voltage is 14 to 30Vdc when Optional Electrical Connection Accessory, Display Head, is used.
  7. Not evaluated for IP rating.

### **APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No. 61010-1-12,  
UPD1: 2015, UPD2: 2016

- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

UL 61010-1, 3rd edition (2016)

- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

CSA Standard C22.2 NO. 94.2-15

- Enclosures for Electrical Equipment, Non-Environmental Considerations

UL Standard 50E, 2<sup>nd</sup> Ed.

- Enclosures for Electrical Equipment, Non-Environmental Considerations



## *Supplement to Certificate of Compliance*

**Certificate:** 80036565

**Master Contract:** 273412

*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80036565	2020-03-25	Model certification (CSA/UL 61010-1, 3RD Edition) for CST Models Process 1, Process 1-HYD, Process 2, Process 2-HYD, Process 8, Process 8-HYD Process 10.



# Certificate of Compliance

**Certificate:** 80036851

**Master Contract:** 273412

**Project:** 80036851

**Date Issued:** March 25, 2020

**Issued To:** Canada Sensors Technology Inc.  
10 - 328 Wale Road  
Victoria, British Columbia, V9B 0J8  
Canada

**Attention:** Ron Hafichuk

*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:** *Sze-Oi (Patrick) Ma*  
Sze-Oi (Patrick) Ma



## **PRODUCTS**

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

CLASS - C225286 - PROCESS CONTROL EQUIPMENT Certified to US Standards

Process 3, 20mA max, 9 to 32Vdc, ambient temperature range -40°C to +95°C, Type 4 enclosure, 10,000 psi

Process 3, 20mA max, 9 to 32Vdc, ambient temperature range -40°C to +95°C, Indoor Use Only enclosure, 10,000 psi

Process 4, Process 4-HYD, 20mA max, 10 to 28Vdc, ambient temperature range -40°C to +95°C, Type 4 enclosure, 10,000 psi

Process 5, 20mA max, 9 to 32Vdc, ambient temperature range -40°C to +95°C, Type 4 enclosure, 15,000, 20,000 30,000 psi

Process 5, 20mA max, 9 to 32Vdc, ambient temperature range -40°C to +95°C, Indoor Use Only enclosure, 15,000, 20,000 30,000 psi

Process 6, Process 6-HYD, 20mA max, 10 to 28 Vdc, ambient temperature range -40°C to +95°C, Type 4 enclosure, 15,000, 20,000 30,000 psi



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**Project:** 80036851

**Master Contract:** 273412  
**Date Issued:** 2020-03-25

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Process 9, 20mA max, 9 to 32Vdc, ambient temperature range -40°C to +95°C, Type 4 enclosure, 1,000 psi  
Process 9, 20mA max, 9 to 32Vdc, ambient temperature range -40°C to +95°C, Indoor Use Only enclosure,  
1,000 psi  
Process 9-IS & Process 9-IS-HYD, 20mA max, 10 to 28 Vdc, ambient temperature range -40°C to +95°C,  
Type 4 enclosure, 1,000 psi

Notes:

1. The above model is permanently connected, Pollution Degree 4, Overvoltage Category I.
2. Mode of operation: Continuous
3. Environmental Conditions: Normal: -40°C to +95°C, 10,000 ft max, Humidity max 95% rh, non-condensing. Operating temperature is -40°C to +75°C when Optional Electrical Connection Accessory, Display Head, is used.
4. Not evaluated for use with flammable fluids
5. Powered by certified Class 2 Power Supply as defined in the Canadian Electrical Code or National Electrical Code or by a CSA C22.2 No.60950 -1/ UL 60950-1 certified limited power source (LPS)
6. For Process 3, 5, 9 voltage is 9 to 30Vdc when Optional Electrical Connection Accessory, Display Head, is used.
7. For Process 4, 6, 9-IS voltage is 10 to 28Vdc when Optional Electrical Connection Accessory, Display Head, is used.
8. Not evaluated for IP rating.

**APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No. 61010-1-12,  
UPD1: 2015, UPD2: 2016

- Safety Requirements for Electrical Equipment for  
Measurement, Control, and Laboratory Use, Part 1:  
General Requirements

UL 61010-1, 3rd edition (2016)

- Safety Requirements for Electrical Equipment for  
Measurement, Control, and Laboratory Use, Part 1:  
General Requirements

CSA Standard C22.2 NO. 94.2-15

- Enclosures for Electrical Equipment, Non-Environmental  
Considerations

UL Standard 50E, 2<sup>nd</sup> Ed.

- Enclosures for Electrical Equipment, Non-Environmental  
Considerations



## *Supplement to Certificate of Compliance*

**Certificate:** 80036851

**Master Contract:** 273412

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are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80036851	2020-03-25	Model certification (CSA/UL 61010-1, 3RD Edition) for CST Models Process 3, Process 3-HYD, Process 4, Process 4-HYD, Process 5, Process 5-HYD, Process 6, Process 6-HYD & Process 9.



# Certificate of Compliance

**Certificate:** 70194575

**Master Contract:** 273412

**Project:** 70194575

**Date Issued:** October 18, 2019

**Issued To:** Canada Sensors Technology Inc.  
10 - 328 Wale Road  
Victoria, British Columbia, V9B 0J8  
Canada  
**Attention: Ron Hafichuk**

**Issued by:** *Sze-Oi (Patrick) Ma*  
Sze-Oi (Patrick) Ma



## PRODUCTS

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

CLASS - C225286 - PROCESS CONTROL EQUIPMENT Certified to US Standards

Pressure Transmitter, Process 7, 9 to 32Vdc, 20mA max, powered by Class 2 limited power supply, ambient and process temperature range -40°C to +85 °C, maximum pressure 10,000 psi, indoor only.

## Notes:

1. The above model is permanently connected, Pollution Degree 2, Overvoltage Category I.
2. Mode of operation: Continuous
3. Environmental Conditions: Normal: -40°C to +85°C, 3,048 m (10,000 ft.) max, Humidity max 95% rh, non-condensing
4. Not evaluated for use with flammable fluids
5. Powered by certified Class 2 Power Supply as defined in the Canadian Electrical Code or National Electrical Code or by a CSA C22.2 No.60950 -1/ UL 60950-1 certified limited power source (LPS)

## APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 61010-1-12,  
UPD1: 2015, UPD2: 2016

- Safety Requirements for Electrical Equipment for  
Measurement, Control, and Laboratory Use, Part 1:  
General Requirements

UL 61010-1, 3rd edition (2012)

- Safety Requirements for Electrical Equipment for  
Measurement, Control, and Laboratory Use, Part 1:  
General Requirements



## *Supplement to Certificate of Compliance*

**Certificate:** 70194575

**Master Contract:** 273412

*The products listed, including the latest revision described below,  
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### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70194575	2019-10-18	North American certification for Model Process 7 Ambient Temperature range -40°C to +85°C.