



Certificate of Compliance

Certificate: 1526478

Master Contract: 163843

Project: 80044202

Date Issued: 2021-01-14

Issued To: Aircom Instrumentation Ltd
9328 37th Ave
Edmonton, Alberta, T6E 5K3
Canada

Attention: Brandon St.Germain

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: *James Cotton*
James Cotton



PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT For Hazardous Locations

Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III; T6...T1

TC9 and TC14 model series thermocouple assembly, and RT9 and RT14 model series RTD assembly (may be followed by any number of alphanumeric characters, Canadian-only when Connection Extension variable (T2) is SNUN or STXUN). Electrical Rating: 30 Vdc, 1.0 A max; Ambient Temperature: -50°C to +50°C; Process Temperature: -50°C to +450°C; Process Pressure: 48.26 MPa (7000 PSI) for threaded or flange mount Thermowell or 34.4 MPa (5000 PSI) for Style F welded probe. Enclosure Ratings: N/A or Type 4 or Type 4X.

Conditions of Acceptability:



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1. Partial assemblies or Field Replacement Kits may be provided with an additional markings tag which identifies that the assembly must be completed with a certified thermowell and interconnecting components in the field.
2. The assemblies are permanently (conduit) connected, intended for continuous operation in extended environmental conditions. Equipment Class I, Overvoltage Category II, Pollution Degree 2. Intended to be supplied by Class 2, SELV or equivalent power source.
3. The assemblies may or may not be provided with an internal transmitter module.
4. The Temperature Code rating is dependent upon the maximum process temperature, as follows:

Minimum nipple length	Ambient Temperature	Process Temperature	T-Code
None (Style F probe) / zero clearance nipple	-50°C to +50°C	-50°C to +50°C	T6
Short (1-inch)	-50°C to +50°C	-50°C to +200°C or below	T4A
Long (3.5-inch)	-50°C to +50°C	-50°C to +230°C or below	T3C
Extra-Long (8-inch)	-50°C to +50°C	-50°C to +450°C or below	T2

5. Process pressure (i.e. maximum working pressure) ratings as specified for ambient temperature only. Pressure derating may be applicable based upon minimum and/or maximum process temperatures.
6. Enclosure Type ratings are contingent upon metallic materials of assembly (e.g. Thermowell and interconnecting components) and certification ratings of connection head enclosures.
7. Certification ratings of connection head enclosures must be equal to or higher than ratings of assemblies.

Class I, Division 1, Groups B, C, D; Class II, Division 1, Groups E, F, G; Class III; T6...T1

TC8, TC10 and TC17 model series thermocouple assembly, and RT6, RT7 and RT17 model series RTD assembly (may be followed by any number of alphanumeric characters, Canadian-only when Connection Extension variable (T2) is SNUN or STXUN). Electrical Rating: 30 Vdc, 1.0 A max; Ambient Temperature: -50°C to +50°C; Process Temperature: -50°C to +450°C; Process Pressure: 48.26 MPa (7000 PSI) for threaded or flange mount Thermowell or 34.4 MPa (5000 PSI) for Style F welded probe. Enclosure Ratings: N/A or Type 4 or Type 4X.

Conditions of Acceptability:

1. Partial assemblies or Field Replacement Kits may be provided with an additional markings tag which identifies that the assembly must be completed with a certified thermowell and interconnecting components in the field.
2. The assemblies are permanently (conduit) connected, intended for continuous operation in extended environmental conditions. Equipment Class I, Overvoltage Category II, Pollution Degree 2. Intended to be supplied by Class 2, SELV or equivalent power source.
3. The assemblies may or may not be provided with an internal transmitter module.
4. The Temperature Code rating is dependent upon the maximum process temperature, as follows:

Minimum nipple length	Ambient Temperature	Process Temperature	T-Code
None (Style F probe) / zero clearance nipple	-50°C to +50°C	-50°C to +50°C	T6
Short (1-inch)	-50°C to +50°C	-50°C to +200°C or below	T4A
Long (3.5-inch)	-50°C to +50°C	-50°C to +230°C or below	T3C
Extra-Long (8-inch)	-50°C to +50°C	-50°C to +450°C or below	T2



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5. Process pressure (i.e. maximum working pressure) ratings as specified for ambient temperature only. Pressure derating may be applicable based upon minimum and/or maximum process temperatures.
6. Enclosure Type ratings are contingent upon metallic materials of assembly (e.g. Thermowell and interconnecting components) and certification ratings of connection head enclosures.
7. Certification ratings of connection head enclosures must be equal to or higher than ratings of assemblies.

Class I, Division 1, Groups C, D; Class II, Division 1, Groups E, F, G; Class III; T6...T1

TC16 model series thermocouple assembly, and RT16 model series RTD assembly (may be followed by any number of alphanumeric characters, Canadian-only when Connection Extension variable (T2) is SNUN or STXUN). Electrical Rating: 30 Vdc, 1.0 A max; Ambient Temperature: -50°C to +50°C; Process Temperature: -50°C to +450°C; Process Pressure: 48.26 MPa (7000 PSI) for threaded or flange mount Thermowell or 34.4 MPa (5000 PSI) for Style F welded probe. Enclosure Ratings: N/A or Type 4 or Type 4X.

Conditions of Acceptability:

1. Partial assemblies or Field Replacement Kits may be provided with an additional markings tag which identifies that the assembly must be completed with a certified thermowell and interconnecting components in the field.
2. The assemblies are permanently (conduit) connected, intended for continuous operation in extended environmental conditions. Equipment Class I, Overvoltage Category II, Pollution Degree 2. Intended to be supplied by Class 2, SELV or equivalent power source.
3. The assemblies may or may not be provided with an internal transmitter module.
4. The Temperature Code rating is dependent upon the maximum process temperature, as follows:

Minimum nipple length	Ambient Temperature	Process Temperature	T-Code
None (Style F probe) / zero clearance nipple	-50°C to +50°C	-50°C to +50°C	T6
Short (1-inch)	-50°C to +50°C	-50°C to +200°C or below	T4A
Long (3.5-inch)	-50°C to +50°C	-50°C to +230°C or below	T3C
Extra-Long (8-inch)	-50°C to +50°C	-50°C to +450°C or below	T2

5. Process pressure (i.e. maximum working pressure) ratings as specified for ambient temperature only. Pressure derating may be applicable based upon minimum and/or maximum process temperatures.
6. Enclosure Type ratings are contingent upon metallic materials of assembly (e.g. Thermowell and interconnecting components) and certification ratings of connection head enclosures.
7. Certification ratings of connection head enclosures must be equal to or higher than ratings of assemblies.



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CLASS - C225802 - PROCESS CONTROL EQUIPMENT For Hazardous Locations
CLASS - C225882 - PROCESS CONTROL EQUIPMENT For Hazardous Locations - Certified to US Standards

Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III; T6...T1

TC9 and TC14 model series thermocouple assembly, and RT9 and RT14 model series RTD assembly (may be followed by any number of alphanumeric characters). Electrical Rating: 30 Vdc, 1.0 A max; Ambient Temperature: -50°C to +50°C; Process Temperature: -50°C to +450°C; Process Pressure: 48.26 MPa (7000 PSI) for threaded or flange mount Thermowell or 34.4 MPa (5000 PSI) for Style F welded probe. Enclosure Ratings: N/A or Type 4 or Type 4X.

Conditions of Acceptability:

1. Partial assemblies or Field Replacement Kits may be provided with an additional markings tag which identifies that the assembly must be completed with a certified thermowell and interconnecting components in the field.
2. The assemblies are permanently (conduit) connected, intended for continuous operation in extended environmental conditions. Equipment Class I, Overvoltage Category II, Pollution Degree 2. Intended to be supplied by Class 2, SELV or equivalent power source.
3. The assemblies may or may not be provided with an internal transmitter module.
4. The Temperature Code rating is dependent upon the maximum process temperature, as follows:

Minimum nipple length	Ambient Temperature	Process Temperature	T-Code
None (Style F probe) / zero clearance nipple	-50°C to +50°C	-50°C to +50°C	T6
Short (1-inch)	-50°C to +50°C	-50°C to +200°C or below	T4A
Long (3.5-inch)	-50°C to +50°C	-50°C to +230°C or below	T3C
Extra-Long (8-inch)	-50°C to +50°C	-50°C to +450°C or below	T2

5. Process pressure (i.e. maximum working pressure) ratings as specified for ambient temperature only. Pressure derating may be applicable based upon minimum and/or maximum process temperatures.
6. Enclosure Type ratings are contingent upon metallic materials of assembly (e.g. Thermowell and interconnecting components) and certification ratings of connection head enclosures.
7. Certification ratings of connection head enclosures must be equal to or higher than ratings of assemblies.

Class I, Division 1, Groups B, C, D; Class II, Division 1, Groups E, F, G; Class III; T6...T1

TC8, TC10 and TC17 model series thermocouple assembly, and RT6, RT7 and RT17 model series RTD assembly (may be followed by any number of alphanumeric characters). Electrical Rating: 30 Vdc, 1.0 A max; Ambient Temperature: -50°C to +50°C; Process Temperature: -50°C to +450°C; Process Pressure: 48.26 MPa (7000 PSI) for threaded or flange mount Thermowell or 34.4 MPa (5000 PSI) for Style F welded probe. Enclosure Ratings: N/A or Type 4 or Type 4X.

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2. The assemblies are permanently (conduit) connected, intended for continuous operation in extended environmental conditions. Equipment Class I, Overvoltage Category II, Pollution Degree 2. Intended to be supplied by Class 2, SELV or equivalent power source.
3. The assemblies may or may not be provided with an internal transmitter module.
4. The Temperature Code rating is dependent upon the maximum process temperature, as follows:

Minimum nipple length	Ambient Temperature	Process Temperature	T-Code
None (Style F probe) / zero clearance nipple	-50°C to +50°C	-50°C to +50°C	T6
Short (1-inch)	-50°C to +50°C	-50°C to +200°C or below	T4A
Long (3.5-inch)	-50°C to +50°C	-50°C to +230°C or below	T3C
Extra-Long (8-inch)	-50°C to +50°C	-50°C to +450°C or below	T2

5. Process pressure (i.e. maximum working pressure) ratings as specified for ambient temperature only. Pressure derating may be applicable based upon minimum and/or maximum process temperatures.
6. Enclosure Type ratings are contingent upon metallic materials of assembly (e.g. Thermowell and interconnecting components) and certification ratings of connection head enclosures.
7. Certification ratings of connection head enclosures must be equal to or higher than ratings of assemblies.

Class I, Division 1, Groups C, D; Class II, Division 1, Groups E, F, G; Class III; T6...T1

TC16 model series thermocouple assembly, and RT16 model series RTD assembly (may be followed by any number of alphanumeric characters). Electrical Rating: 30 Vdc, 1.0 A max; Ambient Temperature: -50°C to +50°C; Process Temperature: -50°C to +450°C; Process Pressure: 48.26 MPa (7000 PSI) for threaded or flange mount Thermowell or 34.4 MPa (5000 PSI) for Style F welded probe. Enclosure Ratings: N/A or Type 4 or Type 4X.

Conditions of Acceptability:

1. Partial assemblies or Field Replacement Kits may be provided with an additional markings tag which identifies that the assembly must be completed with a certified thermowell and interconnecting components in the field.
2. The assemblies are permanently (conduit) connected, intended for continuous operation in extended environmental conditions. Equipment Class I, Overvoltage Category II, Pollution Degree 2. Intended to be supplied by Class 2, SELV or equivalent power source.
3. The assemblies may or may not be provided with an internal transmitter module.
4. The Temperature Code rating is dependent upon the maximum process temperature, as follows:

Minimum nipple length	Ambient Temperature	Process Temperature	T-Code
None (Style F probe) / zero clearance nipple	-50°C to +50°C	-50°C to +50°C	T6
Short (1-inch)	-50°C to +50°C	-50°C to +200°C or below	T4A
Long (3.5-inch)	-50°C to +50°C	-50°C to +230°C or below	T3C
Extra-Long (8-inch)	-50°C to +50°C	-50°C to +450°C or below	T2



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5. Process pressure (i.e. maximum working pressure) ratings as specified for ambient temperature only. Pressure derating may be applicable based upon minimum and/or maximum process temperatures.
6. Enclosure Type ratings are contingent upon metallic materials of assembly (e.g. Thermowell and interconnecting components) and certification ratings of connection head enclosures.
7. Certification ratings of connection head enclosures must be equal to or higher than ratings of assemblies.

Class I, Division 2, Groups A, B, C, D; T6...T1

TC11 and TC15 model series thermocouple assembly, and RT11 and RT15 model series RTD assembly, and SM2, SM4, HT2 and HT4 model series thermocouple/RTD assembly (may be followed by any number of alphanumeric characters). Electrical Rating: 30 Vdc, 1.0 A max; Ambient Temperature: -50°C to +50°C; Process Temperature: -50°C to +450°C; Process Pressure: 34.4 MPa (5000 PSI) for Style F or G welded probe. Enclosure Ratings: N/A or Type 4 or Type 4X.

Conditions of Acceptability:

1. The assemblies are permanently connected, intended for continuous operation in extended environmental conditions. Equipment Class I, Overvoltage Category II, Pollution Degree 2. Intended to be supplied by Class 2, SELV or equivalent power source.
2. The Class I, Division 2 assemblies are not available with an internal transmitter module, unless installed outside of the hazardous area.
3. The Temperature Code rating is dependent upon the maximum process temperature, as follows:

Distance from process	Ambient Temperature	Process Temperature	T-Code
None / zero clearance nipple	-50°C to +50°C	-50°C to +50°C	T6
1-inch	-50°C to +50°C	-50°C to +200°C or below	T4A
3.5-inch	-50°C to +50°C	-50°C to +230°C or below	T3C
8-inch	-50°C to +50°C	-50°C to +450°C or below	T2

4. Process pressure (i.e. maximum working pressure) ratings as specified for ambient temperature only. Pressure derating may be applicable based upon minimum and/or maximum process temperatures.
5. Enclosure Type ratings are contingent upon metallic materials of assembly (e.g. Thermowell and interconnecting components) and certification ratings of connection head enclosures.



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CLASS - C225804 - PROCESS CONTROL EQUIPMENT Intrinsically Safe, Entity - For Hazardous Locations

CLASS - C225884 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations - Certified to US Standards

Class I, Division 2, Groups A, B, C, D; T6...T1

TC11 and TC15 model series thermocouple assembly, and RT11 and RT15 model series RTD assembly, and SM2, SM4, HT2 and HT4 model series thermocouple/RTD assembly (may be followed by any number of alphanumeric characters). Electrical Rating: 30 Vdc, 1.0 A max. Non-incendive when installed per drawing: 14 05 00 112 or 5350QE01 or 50133855 or 50091227 as applicable (See note 3 below). Ambient Temperature: -50°C to +50°C; Process Temperature: -50°C to +450°C; Process Pressure: 34.4 MPa (5000 PSI) for Style F or G welded probe. Enclosure Ratings: N/A or Type 4 or Type 4X.

Conditions of Acceptability:

1. The assemblies are permanently connected, intended for continuous operation in extended environmental conditions. Equipment Class I, Overvoltage Category II, Pollution Degree 2. Intended to be supplied by Class 2, SELV or equivalent power source.
2. The Class I, Division 2 assemblies may be supplied with an internal transmitter module, when accompanied with the following non-incendive field wiring apparatus information:

Control drawing	Transmitter manufacturer	Transmitter model
14 05 00 112	Endress & Hauser	TMT181, TMT187, TMT188
5350QE01	PR Electronics	5350A, 5350B
5437QC01-V5R0	PR Electronics	5437D
50133855	Honeywell	STT700
50091227	Honeywell	STT750, STT850
00644-2076 or 0644-2071	Rosemount	644
03144-5076 or 03144-0321	Rosemount	3144P
MI-020-449	Schneider / Foxboro / Invensys	RTT15
214895	ABB	TTF300
IIE029-A62	Yokogawa	YTA610, YTA710
A5E41865021-AA	Siemens AG	TH320, TH420

3. The Temperature Code rating is dependent upon the maximum process temperature, as follows:

Distance from process	Ambient Temperature	Process Temperature	T-Code
None / zero clearance nipple	-50°C to +50°C	-50°C to +50°C	T6
1-inch	-50°C to +50°C	-50°C to +200°C or below	T4A
3.5-inch	-50°C to +50°C	-50°C to +230°C or below	T3C
8-inch	-50°C to +50°C	-50°C to +450°C or below	T2

4. Process pressure (i.e. maximum working pressure) ratings as specified for ambient temperature only. Pressure derating may be applicable based upon minimum and/or maximum process temperatures.
5. Enclosure Type ratings are contingent upon metallic materials of assembly (e.g. Thermowell and interconnecting components) and certification ratings of connection head enclosures.



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APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 0:20	General Requirements - Canadian Electrical Code Part II.
CAN/CSA C22.2 No. 25-17	Enclosures for use in Class II, Division 1, Groups E, F, and G Hazardous Locations
CAN/CSA C22.2 No. 30-M1986 (Reaffirmed 2016)	Explosion-Proof Enclosures for use in Class I Hazardous Locations.
CAN/CSA C22.2 No. 94.2-15	Enclosures for Electrical Equipment, Environmental Considerations
CAN/CSA C22.2 No. 213-17	Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
CAN/CSA C22.2 No. 61010-1-12 (Reaffirmed 2017)	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory use – Part 1: General Requirements
ANSI/UL 50E (Second Edition)	Enclosures for Electrical Equipment, Environmental Considerations
ANSI/UL 1203 (Fifth Edition)	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for use in Hazardous (Classified) Locations
ANSI/UL 121201 (Ninth Edition)	Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
ANSI/UL 61010-1 (Third Edition)	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory use – Part 1: General Requirements

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed only under CSA Class C225802 are eligible to bear the CSA Mark shown without adjacent indicators (indicating that products have been manufactured to the requirements of Canadian Standards only).

The products listed under both CSA Classes C225802 and C225882 or C225804 and C225884 are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Method of Marking: Required markings are provided upon a 0.635 mm (0.025 in) thick stainless steel or aluminum nameplate mechanically affixed to the cover or side of the Connection Head enclosure. Alternatively, for products marked for use in ambient temperatures of -40°C to +50°C, required markings may be provided upon the following adhesive-type nameplate applied to the cover or side of the Connection Head enclosure.



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Nameplate adhesive label material approval information: Identification Multi Solutions (IMS) Inc. material PermaPrint 3 S-1 (with PP3S00 adhesive), as described in UL listing MH18006 and CSA listing 081773. The adhesive-type nameplate is certified / suitable for indoor and outdoor use in ambient temperatures of -40°C to +150°C when applied to the following surfaces: stainless steel, epoxy paint or polyester paint. The adhesive-type nameplate has been investigated for use in Class I, Division 1 areas when applied to these surfaces only under project 80044202. For Connection Head enclosures made of other surface materials (e.g. cast iron or unpainted aluminum), the adhesive-type nameplate is applied to a mechanically secured stainless steel nameplate tag mechanically affixed to the cover or side of the Connection Head enclosure.

The following markings shall appear on all products:

1. The CSA Mark, as shown on page 1 of the Certificate of Conformity.
2. Manufacturer's name "Aircom Instrumentation Ltd", and/or the CSA master contract number "163843" adjacent the CSA Mark, in lieu of the manufacturer's name.
3. Model designation: As specified in the PRODUCTS section above.
4. Date code / serial number traceable to month and year of manufacture.
5. Complete electrical ratings: As specified in the PRODUCTS section above.
6. Ambient temperature rating: As specified in the PRODUCTS section above.
7. Process temperature rating: As specified in the PRODUCTS section above.
8. Process (maximum working) pressure rating: As specified in the PRODUCTS section above.
9. Enclosure ratings: As specified in the PRODUCTS section above.

Note: May be none, Type 4 or Type 4X contingent upon metallic materials of assembly.

10. Hazardous Location designation: As specified in the PRODUCTS section above.
11. Additionally, the equipment may be marked as follows:
 - a. For Class I, Division 1, Group C: "Class I, Zone 1, Group IIB"
 - b. For Class I, Division 1, Group B: "Class I, Zone 1, Group IIB plus hydrogen"
 - c. For Class I, Division 1, Group A: "Class I, Zone 1, Group IIC"
 - d. For US only Class I, Division 2, Groups A: "Class I, Zone 2, Group IIC"
 - e. For Class II, Division 1: "Zone 20"
12. Temperature code: As specified in the PRODUCTS section above.

Note: Surface temperatures not exceeding 100°C (T5) are not required to be marked on the product.
13. Identification of factory location, when produced at multiple locations.

The following additional markings shall appear on all Class I, Division 1 rated products:

14. The following or technically equivalent markings:
 - a. "CAUTION: OPEN CIRCUIT BEFORE REMOVING COVER" and "ATTENTION: OUVRIRE LE CIRCUIT AVANT D'ENLEVER LE COUVERCLE" or "CAUTION: KEEP COVERS TIGHT WHILE CIRCUITS ARE ALIVE" and "ATTENTION: GARDER LE COUVERCLE BIEN FERMÉ TANT QUE LE CIRCUITS SONT SOUS TENSION".
 - b. "A SEAL SHALL BE INSTALLED WITHIN 2 in (50 mm) OF THE ENCLOSURE" and "UN SCELLEMENT DOIT ÊTRE INSTALLÉ À MOINS DE 50 mm (2 in) DU BOÎTER".
 - c. When adhesive-type nameplate is applied to an epoxy painted Connection Head enclosure: "CAUTION: THIS DEVICE SHALL NOT BE EXPOSED TO ATMOSPHERES WITH HIGH CONCENTRATIONS OF ACETONE, DIETHYL ETHER, METHYL ETHYL KETONE, TOLUENE OR N-HEXANE" and "ATTENTION: CET APPAREIL NE DOIT PAS ÊTRE



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- EXPOSÉ À DES ATMOSPHÈRES À FORTES CONCENTRATIONS D'ACÉTONE, D'ÉTHYLÉTHYLIQUE, DE MÉTHYL ÉTHYL CÉTONE, DE TOLUÈNE OU DE N-HEXANE”
- d. When adhesive-type nameplate is applied to a polyester painted Connection Head enclosure: “CAUTION: THIS DEVICE SHALL NOT BE EXPOSED TO ATMOSPHERES WITH HIGH CONCENTRATIONS OF ACETONE, METHYL ETHYL KETONE, N-HEXANE OR ETHYL ACETATE” and “ATTENTION: CET APPAREIL NE DOIT PAS ÊTRE EXPOSÉ À DES ATMOSPHÈRES À FORTES CONCENTRATIONS D'ACÉTONE, DE MÉTHYLÉTHYL CÉTONE, DE N-HEXANE OU D'ACÉTATE D'ÉTHYLE”
 - e. When adhesive-type nameplate is applied to an unpainted stainless-steel Connection Head enclosure or stainless-steel surface: “CAUTION: THIS DEVICE SHALL NOT BE EXPOSED TO ATMOSPHERES WITH HIGH CONCENTRATIONS OF ACETONE OR N-HEXANE” and “ATTENTION: CET APPAREIL NE DOIT PAS ÊTRE EXPOSÉ À DES ATMOSPHÈRES À FORTES CONCENTRATIONS D'ACÉTONE OU DE N-HEXANE”

The following additional markings shall appear on all Class I, Division 2 rated products which rely upon non-incendive field wiring (viz. CSA Classes 2258-04 and 2258-84):

15. Control drawing for the internal transmitter module installed as applicable: As specified in the PRODUCTS section above.

The following additional markings shall appear on all Class II, Division 1 rated products:

16. The following or technically equivalent markings:
 - a. “CAUTION: OPEN CIRCUIT BEFORE REMOVING COVER” and “ATTENTION: OUVRIR LE CIRCUIT AVANT D'ENLEVER LE COUVERCLE” or “CAUTION: KEEP COVERS TIGHT WHILE CIRCUITS ARE ALIVE” and “ATTENTION: GARDER LE COUVERCLE BIEN FERMÉ TANT QUE LE CIRCUITS SONT SOUS TENSION”.

Field Replacement Kits: The manufacturer may assemble and ship replacement partial assemblies consisting of Connection Head enclosure with or without probes, interconnecting components or thermowells / testwells. In these instances, the manufacturer may apply the above CSA nameplate(s) with an additional marking affixed to the assembly on a metal, paper, fabric or adhesive tag as follows:

17. “WARNING: THESE AIRCOM INSTRUMENTATION TEMPERATURE PRODUCTS ARE NOT CSA CERTIFIED FOR USE IN HAZARDOUS LOCATIONS UNLESS THEY ARE INSTALLED IN A THERMOWELL CSA CERTIFIED FOR USE IN THE HAZARDOUS LOCATION AREA” and “AVERTISSEMENT: CES PRODUITS DE TEMPÉRATURE AIRCOM INSTRUMENTATION NE SONT PAS CERTIFIÉS CSA POUR UNE UTILISATION DANS DES ZONES DANGEREUSES SAUF S'ILS SONT INSTALLÉS DANS UN Puits THERMOMÉTRIQUE CERTIFIÉ POUR UNE UTILISATION DANS UNE ZONE DANGEREUSE”



Supplement to Certificate of Compliance

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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
80044202	2021-01-14	Update to report 1526478 to add US standards and markings, assess alternate constructions and drawing updates. TC and RT series replaced with TC9, TC14, RT9, RT14, TC8, TC10, TC17, RT6, RT7, RT17, TC16, RT16, TC11, TC15, RT11, RT15, SM2, SM4, HT2 and HT4 model series. Products reassessed to standard C22.2 No. 61010-1-12 and UL 61010-1 (third edition). Ratings updated for clarification. Addition of Zones equivalency markings. Addition of non-incendive field wiring for transmitters in Division 2 areas.
0001784398	2006-05-20	Update to Report 1526478 to include alternate transmitters
0001526478	2004-03-30	Supersedes report LR 110200-1 to include alternate approved termination heads, revised model designations / ratings, optional transmitters & Div. 2 probe styles.
LR 110200-1	1997-08-07	Original certification of temperature transmitter styles ET, EF, RT, RF.