



Certificate of Compliance

Certificate: 2404331

Master Contract: 155493

Project: 2404331

Date Issued: March 8, 2011

Issued to: ABB Inc.

Analytical PRU
843 N Jefferson St,
Lewisburg, WV 24901
USA
Attention: Scott Kiddle

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



Glenn Black

Issued by: Glenn Black

PRODUCTS

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

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Division 1, Groups A, B, C and D; Class II, Div. 1, Groups E, F and G; Class III:

- Type APA592 and ACA592 Transmitters, rated 42Vdc max, 23mA; CSA Enc Type 4X, IP66/67; temperature code, T4, ambient temperature range -20C to +60 °C. Sensors are not suitable for installation in Division 1 locations.

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



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Class I, Division 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G; Class III:

- Type APA592 and ACA592 Transmitters, rated 42Vdc max, 23mA; CSA Enc Type 4X, IP66/67; provides non-incendive field wiring circuits for connection to sensors per installation drawing P0911; temperature code, T4, ambient temperature range -20C to +60 °C.

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

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III:

- Type APA592 and ACA592 Transmitters, rated 42Vdc max, 23mA; CSA Enc Type 4X, IP66/67; intrinsically safe with entity parameters per installation drawing P0910; temp code, T4, ambient temperature range -20C to +60 °C.

APPLICABLE REQUIREMENTS

- CAN/CSA-C22.2 No. 0-M91 - General Requirements – Canadian Electrical Code, Part II
- CSA Std C22.2 No. 25-1966 - Enclosures for Use in Class II Groups E, F, and G Hazardous Locations
- CSA Std C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations
- CAN/CSA-C22.2 No. 94-M91 - Special Purpose Enclosures
- CAN/CSA-C22.2 No. 157-92 - 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
- CAN/CSA-C22.2 No. 60529:05 - Degrees of protection provided by enclosures (IP Code)

MARKINGS

- the CSA Mark
- submittor's identification



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- model designation
- date code or serial number
- electrical rating
- Hazardous Location designations.
- temperature code rating
- maximum ambient temperature
- CSA Enclosure Type 4X, IP66/67
- the warning (for explosionproof versions), "DO NOT REMOVE COVER WHILE CIRCUITS ARE ALIVE", or equivalent wording
- the warning (FOR I.S./Division 2 versions), "WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR HAZARDOUS LOCATIONS"
- the warning (for Division 2 versions), "WARNING: DO NOT DISCONNECT EQUIPMENT WHILE LIVE UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS"
- the words (for I.S. versions), "INTRINSICALLY SAFE" and "Exia"
- reference to installation drawing (for I.S./Division 2 versions)



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
2404331	March 8, 2011	Original Certification