

Certificate of Compliance

Certificate: 1406492

Master Contract: 182892

Project: 1603613

Date Issued: December 3, 2004

Issued to: Yokogawa Europe B.V.
Databankweg 20
3821 AL Amersfoort
THE NETHERLANDS

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



Authorized by: G. Foulem

PRODUCTS

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

Liquid Analyser Model ISC202S-A (Non-Fieldbus version), Model ISC202S-F (Fieldbus version) and Model ISC202S-P (Fieldbus version), with Sensor Model ISC40S

Intrinsically safe Ex ia T4...T6, suitable for:

Class I, Div 1, Groups A, B, C and D

For Entity parameters see Control Drawing FF1-ISC202S-00, page 3/10 (Non-Fieldbus version), resp. FF1-ISC202S-00, page 4/10 (Fieldbus version).

Class 2258-02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Liquid Analyser Model ISC202S-N (Non-Fieldbus version), Model ISC202S-B (Fieldbus version) and Model ISC202S-D (Fieldbus version), with Sensor Model ISC40S

Non-incendive T4...T6, suitable for:

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

31.5 Vdc, 4-20 mA, for NI entity parameters see Control Drawing FF1-ISC202S-00, page 3/10 (Non-Fieldbus version), resp. FF1-ISC202S-00, page 4/10 (Fieldbus version).

Temperature Code T4 at a maximum ambient temperature of 55 °C.

Temperature Code T6 at a maximum ambient temperature of 40 °C.

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APPLICABLE REQUIREMENTS

- CSA Standards C22.2 – No. 0-M1991: General requirements – Canadian Electrical Code, Part II.
- No. 0.4-M1982: Bonding and Grounding of Electrical Equipment (Protective Grounding)
 - No. 142-M1987: Process Control Equipment.
 - No. 157-M1992: Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
 - No. 213-M1987: Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

SPECIAL CONDITIONS FOR SAFE USE (X)

1. The equipment shall be installed in accordance with Control Drawing No. FF1-ISC202S-00, page 3/10 (Non-Fieldbus version), resp. FF1-ISC202S-00, page 4/10 (Fieldbus version).
2. The Sensor must be installed and used so, that dangers of ignition due to hazardous electrostatic charges cannot occur, especially in the case that the process medium is non-conductive.



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
1603613	December 3, 2004	Update for new models ISC202S-D, ISC202S-P; component has been added for bus communication (profibus).
1507519	January 14, 2004	Update for models ISC202S-B, ISC202S-F; replacement component for choke T801 Fieldbus board.
1406492	July 8, 2003	Original CSA Certification for models ISC202S-A, ISC202S-B, ISC202S-F and ISC202S-N.