

# Certificate of Compliance

**Certificate:** 1416627 (LR 96123-9)


**Master Contract:** 182892

**Project:** 1603615

**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 SC202S-A (Non-Fieldbus version), Model SC202S-F (Fieldbus version) and Model SC202S-P (Fieldbus version)

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-SC202S-00, page 3/10 (Non-Fieldbus version), resp. FF1-SC202S-00, page 4/10 (Fieldbus version).

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

Liquid Analyser Model SC202S-N (Non-Fieldbus version), Model SC202S-B (Fieldbus version) and Model SC202S-D (Fieldbus version)

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-SC202S-00, page 3/10 (Non-Fieldbus version), resp. FF1-SC202S-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-SC202S-00, page 3/10 (Non-Fieldbus version), resp. FF1-SC202S-00, page 4/10 (Fieldbus version).

## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
1603615	December 3, 2004	Update for new models SC202S-D, SC202S-P; component has been added for bus communication (profibus).
1507521	January 14, 2004	Update for models SC202S-B, SC202S-F; replacement component for choke T801 Fieldbus board.
1416627	July 8, 2003	CSA Re-Certification for models SC202S-A, SC202S-B, SC202S-F and SC202S-N
LR096123-9	September 1, 1999	Original Certification For A Conductivity/Resistivity Analyser, Model EXA SC202S.