


 IECEx Certificate of Conformity	
INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres <small>for rules and details of the IECEx Scheme visit www.iecex.com</small>	
Certificate No.:	IECEx CSA 13.0005 issue No.:0 Certificate history:.....
Status:	Current
Date of Issue:	2013-02-15 Page 1 of 3
Applicant:	Rosemount Analytical 10241 West Little York, Suite 200 Houston, Texas 77040 United States of America
Electrical Apparatus: Optional accessory:	370XA Gas Chromatograph
Type of Protection:	Ex d
Marking:	Ex d IIB+H ₂ T6 Gb Ta = -20°C to +60°C Electrical ratings: 21-30Vdc, max. 55 W
Approved for issue on behalf of the IECEx Certification Body:	Dorin Sochitoui
Position:	Technical Advisor
Signature: (for printed version)	_____
Date:	_____
1. This certificate and schedule may only be reproduced in full. 2. This certificate is not transferable and remains the property of the issuing body. 3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website .	
Certificate issued by: <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: left;"> <p>CSA International 178 Rexdale Boulevard Toronto, Ontario M9W 1R3 Canada and 1707 - 94th Street Edmonton, AB T6N 1E6 Canada</p> </div> <div style="text-align: center;">  </div> </div>	
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Manufacturer:	Rosemount Analytical 10241 West Little York, Suite 200 Houston, Texas 77040 United States of America
Additional Manufacturing location (s):	
This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.	
STANDARDS: The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:	
IEC 60079-0 : 2007-10 Explosive atmospheres - Part 0:Equipment - General requirements Edition: 5	
IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d" Edition: 6	
<i>This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.</i>	
TEST & ASSESSMENT REPORTS:	

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:
[CA/CSA/EXTR13.0005/00](#)

Quality Assessment Report:
[GB/SIR/QAR08.0016/04](#)

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Schedule		
EQUIPMENT: <i>Equipment and systems covered by this certificate are as follows:</i>		
<p>The 370XA analyzer is a high speed gas chromatograph (GC) which measures multiple hydrocarbon streams compositions and concentrations. The analyzer is housed in a proprietary flameproof enclosure, which is divided into two compartments. The upper compartment is mainly composed of analytical components and electrical hardware and the lower compartment primarily contains the electronic printed circuit board assemblies and associated hardware. The two compartments are isolated by a threaded bulkhead and potted seals. The product is designed in accordance to standards IEC 60079-0, IEC 60079-1 as Ex d IIB+H2, T6, for an ambient temperature of -20°C to +60°C. The product has the following electrical ratings: 21-30 V d.c., max. 150 W The 370XA Gas Chromatograph is assessed to the intended for use in Group II locations where the source of hazard is Group IIB+H2 gas.</p>		
CONDITIONS OF CERTIFICATION: NO		