



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: Sira 01ATEX2147

4 Equipment: Intrinsically Safe Programmer

5 Applicant: Siemens Milltronics Process Instruments Inc

6 Address: 1954 Technology Drive
P.O. Box 4225
Peterborough
Ontario
Canada
K9J 7B1

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report number R52A7813A.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN50014:1997 (amendments A1 to A2)
EN50020:1994
EN50284:1999

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



II 1 G
EEx ia IIC T4 (T_a = -20°C to +40°C)

M D Shearman
Certification Manager

Project Number 52A7813
Date 27 November 2001
C. Index 15

This certificate and its schedules may only be reproduced in its entirety and without change

Sira Certification Service

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SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 01ATEX2147

13 **DESCRIPTION OF EQUIPMENT**

The Intrinsically Safe Programmer is an infrared remote controller for use with other equipment. The apparatus is a self contained, hand held, battery powered device comprising an encapsulated printed circuit board (PCB) and battery, both housed inside a conductive plastic enclosure. A keypad is located on the lid.

14 **DESCRIPTIVE DOCUMENTS**

14.1	Drawing No	Sheet	Rev	Date	Title
	23650158	1 of 1	1	09 May 01	Intrinsically Safe Hand Programmer General Assembly
	23650218	1 of 1	0	06 Jun 01	Intrinsically Safe Hand Programmer General Assembly, Siemens Version
	51034117	1 of 1	2	14 Sep 00	IS Programmer Electronic Components Parts List Drawing
	0-24751508-31	1 of 2	8	15 Sep 00	IS Calibrator
	0-24751508-31	2 of 2	8	15 Sep 00	IS Calibrator
	0-24751508-29	1 of 1	7	15 May 01	IS Calibrator Bottom Silk Screen
	0-24751508-01	1 of 1	7	15 May 01	IS Calibrator Top Copper
	0-24751508-02	1 of 1	7	15 May 01	IS Calibrator Bottom Copper
	24251255	1 of 1	0	04 Oct 01	Siemens IS Programmer ATEX Nameplate, Laser Marking Diagram
	24251256	1 of 1	0	05 Oct 01	IS Programmer Nameplate, CSA, FM, ATEX, CE Laser Marking Diagram

14.2 Report No. R52A7813A

15 **SPECIAL CONDITIONS FOR SAFE USE** (denoted by X after the certificate number)

None

16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II** (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in Report No. R52A7813A.

17 **CONDITIONS OF CERTIFICATION**

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of SCS Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

Date 27 November 2001

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