



1 **TYPE EXAMINATION CERTIFICATE**

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

3 Certificate Number: **Sira 10ATEX4123X** Issue: **0**

4 Equipment: **ISIS 1202 Non-sparking industrial PC**

5 Applicant: **ISIS-Ex Limited**

6 Address: **Unit A + B Windmill Industrial Estate
Snowfield Lane
Malton
North Yorkshire YO17 6BT
UK**

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

8 Sira Certification Service certifies that this equipment has been found to comply with the Essential Health and Safety Requirements that relate to the design of Category 3 equipment, which is intended for use in potentially explosive atmospheres. These Essential Health and Safety Requirements are given in Annex II to European Union Directive 94/9/EC of 23 March 1994.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN 60079-0:2009 EN 60079-15:2010

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 TYPE EXAMINATION CERTIFICATE relates only to the design of the specified equipment, and not to specific items of equipment subsequently manufactured.

12 The marking of the equipment shall include the following:



II 3G
Ex nA IIC T4 Gc
(Ta = -20°C to +50°C)

Project Number 21236

C. Ellaby
Certification Officer

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



SCHEDULE

TYPE EXAMINATION CERTIFICATE

Sira 10ATEX4123X
Issue 0

13 DESCRIPTION OF EQUIPMENT

The ISIS 1202 is a flange mounting, 15" workstation that is designed for use in industrial conditions. The housing is fabricated from powder coated aluminium and provides an ingress protection of IP66, a touch screen is provided in the cover behind a glass window. The equipment is supplied with 100 to 240 V a.c., 47 to 63 Hz via a 1.5 mm² connection cable; the power supply and the connection of peripheral equipment are achieved using cable glands that are fitted in the connection box at the rear of the housing. The ISIS 1202 contains the following:

- 15" Display
- Projected capacitive touchscreen (PCT)
- One of the following processors:
 - Intel® Core™2 Duo 2.16 GHz
 - Intel® Core™ Duo 2.0 GHz
 - Intel® Celeron M 1.86 GHz
 - Intel® Atom 1.6 GHz

The ISIS 1202 may be stored at temperatures ranging from -40°C to +80°C, however, the lower temperature is limited to -20°C when it is fitted with Hummel HSK-V-Ex stopping plugs.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	26 October 2010	R21236A/00	The release of the prime certificate.

15 SPECIAL CONDITIONS FOR SAFE USE

- 15.1 To prevent the development of hot surfaces exceeding the temperature class, the user shall mount the PC with screen orientated vertically and in landscape.
- 15.2 The user/installer shall install the ISIS 1202 taking into account any restrictions or special conditions for safe use that are applicable to the previously certified devices that are fitted to the ISIS 1202.

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed reports listed in Section 14.2.

17 CONDITIONS OF CERTIFICATION

- 17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.
- 17.2 Holders of Type Examination Certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.
- 17.3 The dielectric strength test according to EN 60079-15:2010 clause 6.5.1 shall be applied for 60 seconds without breakdown occurring.
- 17.4 The manufacturer shall take all reasonable steps to ensure that the user/installer complies with the Special Conditions for Safe Use associated with the ISIS 1202, in addition, the manufacturer shall provide the user/installer with an appropriate copy of the certificate for each certified device that is fitted.

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