

1 **UNITED KINGDOM CONFORMITY ASSESSMENT**  
2 **UK TYPE EXAMINATION CERTIFICATE**

3 **Product Intended for use in Potentially Explosive Atmospheres**  
4 **UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1**

5 Type Examination Certificate Number: **ExVeritas 22UKEX1266X** Issue: **0**

6 Product: ALTAIR Pro Portable Single Gas Detector

7 Manufacturer: MSA – The Safety Company

8 Address: 1000 Cranberry Woods Drive,  
9 Cranberry Twp,  
10 PA 16066, USA

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

12 ExVeritas Limited Approved Body number 2585, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0: 2018** **EN 60079-11:2012**

Except in respect of those requirements listed at section 16 of the schedule to this certificate.

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 and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

 II 1 G Ex ia IIC T4 Ga



No. 8613

On behalf of ExVeritas



S Clarke CEng MSc FIET  
Managing Director

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## Schedule

### 13 Description of Product

The "Altair Pro" portable single gas detector is initially available in three gas models e.g. O<sub>2</sub>, CO and H<sub>2</sub>S. The O<sub>2</sub> model is called "Altair Pro O<sub>2</sub>". The gas sensing cells are of the electro-chemical type. The instrument is powered by a replaceable CR2 lithium cell. The LCD display panel on the front displays an indication of the level of the detected gas. A push button allows users to select the information viewed on the LCD display. Audible and visual alarm indicators are located on the front of the apparatus, and an imbalanced motor produces an optional vibration alert when in alarm mode.

### 14 Descriptive Documents

#### 14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R3961/A/1	2022-11-10	0	Initial issue of the Prime Certificate

#### 14.2 Compliance Drawings:

Title:	Drawing No.:	Rev. Level:	Date:
ALTAIR PRO FTZU	SK3098-1012	13	06/17/22

### 15 Specific Conditions of Use

#### 15.1 Special Conditions for Safe Use

- The lithium batteries of Panasonic CR-2PA/1B, Energizer CR2 EL1CR2BP, Varta CR2 6206 and Varta (Power One) CR2 CR15H270, 6206 can be used in the apparatus.
- The maximum length of the remote sensor connecting cable in the "Altair Pro-R O<sub>2</sub>" does not exceed 3.3 metres (10 feet).

#### 15.2 Routine tests

- None

### 16 Essential Health and Safety Requirements (Regulations Schedule 1)

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform ExVeritas of any modifications to the design of the product described by this schedule.

Certificate: **ExVeritas 22UKEX1266X**

Issue **0**

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