



EC-Type Examination Certificate

- (1)
(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 94/9/EC)**

(3) EC-Type Examination Certificate Number:

FTZÚ 13 ATEX 0200X

- (4) Equipment: **Gas Detector Altair 2X**
(5) Manufacturer: **Mine Safety Appliances Company**
(6) Address: **1000 Cranberry Woods Drive, Cranberry Township, PA 16066, U.S.A**
(7) This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
(8) The Physical Technical Testing Institute, notified body number 1026 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°:

13/0200 dated 18.12.2013

- (9) Compliance with Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012, EN 60079-11:2012
(10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system 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, examination and testing of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
(12) The marking of the equipment or protective system shall include the following:

Ex II 2G Ex ia IIC T4 Gb

This EC-Type Examination Certificate is valid till: **18.12.2018**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: **18.12.2013**

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Physical Technical Testing Institute
Ostrava – Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 13 ATEX 0200X**

(15) Description of Equipment:

The equipment Gas Detector Altair 2X is an intrinsically safe hand held portable toxic detector with LCD, audible and visual alarm and one push button. The equipment consists of one PCB with electronics and one battery inside of a plastic non-static dissipative enclosure. The power source is a single, user replaceable 3.6 V Lithium cell.

Parameters:

Ambient temperature: $-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$

(16) Report No.: 13/0200

(17) Special conditions for safe use:

17.1 The battery shall not be replaced in hazardous area.

17.2 There shall only be used batteries Saft LS17330 or EEMB ER17335 in this equipment.

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by the standard mentioned in (9), according which the product was verified and in the manufacturer's Operating manual.

(19) List of Documentation:

Number:	Rev.:	Date:	Sheets:	Description:
10148950	00	10.12.2013	58	Operating manual
DG6216550	0	18.12.2013	15	Approval drawings package

Responsible person:

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Head of Certification Body



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