



Physical-Technical Testing Institute
Ostrava - Radvanice



(1) **Supplementary EU - Type Examination Certificate No.21**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 08 ATEX 0340X

(4) Product: **ALTAIR 5X Multigas Detector**

(5) Manufacturer: **MSA – The Safety Company**

(6) Address: **1000 Cranberry Woods Drive, Cranberry Twp, PA 16066, USA**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 08 ATEX 0340X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, 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 Annex II to the Directive.

(9) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

(10) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2012+A11:2013
EN 60079-1:2014
EN 60079-11:2012**

**EN 50303:2000
EN 60079-29-1:2016**

**EN 50104:2010
EN 50271:2010**

(11) The marking of the product shall include the following:



**I M1
II 1G**

Ex ia I Ma

Ex da ia IIC T3, T4 Ga

(12) The certificate is valid till: **29.05.2024**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 28.11.2019

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**Physical-Technical Testing Institute
Ostrava - Radvanice**

Schedule

(13)

(14) **Supplementary EU - Type Examination Certificate No.21
to FTZÚ 08 ATEX 0340X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- The construction change.

The minor change of elements on printed circuit board have been done. The assessment according to standards mentioned in clause (10) has not been affected and the parameters of the product have not been changed.

(16) Report Number.: 08/0340/21

(17) Specific Conditions of Use:

Remain unchanged.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

(19) Drawings and Documents:

| Number: | Rev. | Date: | Title: |
|-----------|------|------------|--|
| 3098-1184 | 10 | 22.10.2019 | FTZU approvals, ALTAIR5X / ALTAIR5XIR, page 05 |

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



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