

Occupational Safety Research Institute, v.v.i.

Jeruzalémská 1283/9, 110 00 Praha 1, Czech Republic
Notified Body 1024



EU TYPE-EXAMINATION CERTIFICATE No. 1024/E-049/2023

This EU type-examination certificate is issued to:

Manufacturer: SIGMA Výzkumný a vývojový ústav s. r. o.,
Jana Sigmunda 313, 783 49 Lutín, Czech Republic

Identification number: 25355015 VAT: CZ25355015

PPE product: Combined filter MOF-6 and MOF-6 +

Type: A2B2E2K2HgP3 and derived variant gas filter A2B2E2K2

It is certified that the manufacturer's technical file and above mentioned PPE product have been assessed and found to be in accordance with the essential health and safety requirements of Regulation (EU) 2016/425 of the European parliament and of the Council on personal protective equipment and repealing Council Directive 89/686/EEC, as recorded in Report No. 1024/ZZ-038/2023, which is an integral part of this Certificate.

When examined the model was found to meet all of the relevant requirements of the appropriate harmonized standard(s)/specification:

EN 14387:2021 Respiratory protective devices – Gas filter(s) and combined filter(s) – Requirements, testing, marking (idt. ČSN EN 14387:2022)

The certification was performed according to the certification scheme of Regulation (EU) 2016/425 Module B.

Marking and instructions have been assessed in the Czech language only.

Certificate is valid until: 23. 6. 2028.

For and on behalf of Occupational Safety Research Institute
Notified Body No. 1024

Date of Issue: 23. 6. 2023



Ing. Jiří Tilhon, Ph.D., LL.M.

This certificate was issued in Czech and English versions. Both versions have the same validity.

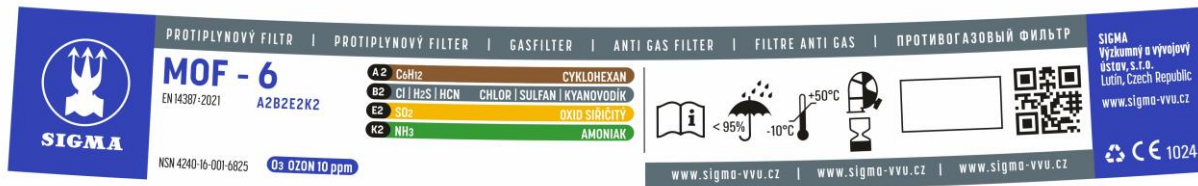
Description and picture of the PPE product



Combined filter MOF-6



Combined filter MOF-6 +



The combined filter **MOF-6** and **MOF-6 +** type A2B2E2K2HgP3 connected to a suitable full face mask provides the protection of the respiratory system of a user against organic gases and vapours with a boiling point above 65 °C, inorganic gases and vapours (excluding carbon and nitrogen monoxides), sulphur dioxide and other acid gases, ammonia and organic ammonia derivatives, mercury vapours and aerosols in accordance with the information supplied by the manufacturer.

The derived version, the gas filter **MOF-6** type A2B2E2K2 connected to a suitable full face mask provides the protection of the respiratory system of a user against organic gases and vapours with a boiling point above 65 °C, inorganic gases and vapours (excluding carbon and nitrogen monoxides), sulphur dioxide and other acid gases and ammonia and organic ammonia derivatives in accordance with the information supplied by the manufacturer.

According to Danish standard Proving af filterende ándedraetsvaerns effektivitet overfor ozon 2001 and according to information supplied by the manufacturer, filter provides protection against ozone at maximum concentration 20 mg/m3 (10 ppm).

The filter has two thread variants. Connecting thread Rd 40x1/7 according to EN 148-1 / STANAG 4155 for type Comfort and connecting thread OZ 40x4 mm according to GOST 8762-75 for type Standard.

The product is classified in category III and shall only be used in conjunction with conformity assessment procedure Module C2 within the meaning of Regulation (EU) 2016/425.



Graphical appearance of CE mark. In the event of the involvement of a notified body in the stage of manufacturing check (category III, Module C2 or D) its distinguishing number shall be added to CE mark.