

Occupational Safety Research Institute, v.v.i.

Notified Body 1024

Jeruzalémská 1283/9, CZ - 110 00 Praha 1

Test Report according to Regulation (EU) 2016/425 *

Report on product check according to Module C2

1024/ZK-041/2024

Pages: 5

Number of copies: see distribution list

Annexes: 0

I. Source data

Name: **Respirator GPP2 FFP2 NR**

Type: **GPP2 FFP2 NR**

PPE category: III. according to Regulation (EU) 2016/425 Annex I

Manufacturer: General Public s.r.o., Hybešova 167/18, Karlovy Vary 360 05, Czech Republic

Application: S-205/2024 dated: 14. 10. 2024

Contract: 096/2024 dated: 15. 10. 2024

Certificate: 1024/E-092/2024 dated: 21. 11. 2024

Assessed by: Ing. L. Zavřel

signature

Certificate remains valid

About continued
validity of certificate
decided:

Ing. J. Tilhon, Ph.D., LL.M.



signature

Date of report issue: 25. 11. 2024

Distribution list: 1. Manufacturer (electronic version)
2. NB 1024 archive in electronic form (PDF)

The product check was performed according to Regulation (EU) 2016/425, Module C2 Conformity to type based on internal production control plus supervised product checks at random intervals

*This Report has been issued in Czech and English versions. Both versions have the same validity.

II. Basic information

1. Product description

The particle filtering half masks **GPP2 FFP2 NR** provides the protection of the respiratory system of a user against solid and liquid aerosols in the air in accordance with the information supplied by the manufacturer.

2. Sample withdrawal

Samples of GPP2 FFP2 NR filtering half masks for laboratory tests were taken on October 16, 2024, in the amount of 30 pieces. The samples were registered in the Laboratory Register under numbers 1045 - 1074.

III. List of submitted technical documentation

According to Regulation (EU) 2016/425 Annex III.

a) a complete description of the PPE and of its intended use	+
b) an assessment of the risks against which the PPE is intended to protect	+
c) a list of the essential health and safety requirements that are applicable to the PPE	+
d) design and manufacturing drawings and schemes of the PPE and of its components, sub-assemblies and circuits	+
e) the descriptions and explanations necessary for the understanding of the drawings and schemes referred to in point (d) and of the operation of the PPE	0
f) the references of the harmonised standards referred to in Article 14 that have been applied for the design and manufacture of the PPE. In the event of partial application of harmonised standards, the documentation shall specify the parts which have been applied	+
g) where harmonised standards have not been applied or have been only partially applied, descriptions of the other technical specifications that have been applied in order to satisfy the applicable essential health and safety requirements	0
h) the results of the design calculations, inspections and examinations carried out to verify the conformity of the PPE with the applicable essential health and safety requirements	+
i) reports on the tests carried out to verify the conformity of the PPE with the applicable essential health and safety requirements and, where appropriate, to establish the relevant protection class	+
j) a description of the means used by the manufacturer during the production of the PPE to ensure the conformity of the PPE produced with the design specifications	+
k) a copy of the manufacturer's instructions and information set out in point 1.4 of Annex II	+
l) for PPE produced as a single unit to fit an individual user, all the necessary instructions for manufacturing such PPE on the basis of the approved basic model	0
m) for PPE produced in series where each item is adapted to fit an individual user, a description of the measures to be taken by the manufacturer during the fitting and production process to ensure that each item of PPE complies with the approved type and with the applicable essential health and safety requirements	0

Evaluation: + available, range is satisfactory; - requirement not fulfilled; 0 not applicable

The submitted technical documentation was found to be complete according to Regulation (EU) 2016/425 ANNEX III and it has been adequate for the assessment of the conformity with the technical requirements mentioned in this Regulation.

IV. Level determination of protective properties and safety function of the product

The Certificate no. 1024/E-092/2024 has been issued on the product. The measurement results are described in the Final report no. 1024/ZZ-073/2024.

The check of the PPE conformity with the certified type was performed according to EN 149:2001+A1:2009 Respiratory protective devices. Filtering half masks. Requirements, testing, marking (idt. ČSN EN 149:2002+A1:2009 on the basis of the Application no. S-205/2024 and the Contract no. 096/2024.

The selected tests on the samples were carried out according to ČSN EN 149:2002+A1:2009.

8.9.1 inhalation resistance

8.9.2 exhalation resistance

The numbering of articles in the paragraph "Test results" is consistent with the above-mentioned standard numbering.

V. Tests results

7.16 Breathing resistance

Requirement: The inhalation resistance for class FFP2 shall not exceed 70 Pa at flow of 30 l/min and 240 Pa at flow of 95 l/min.

Discovered:

Inhalation resistance

sample	condition	resistance Pa	
		at 30 l/min	at 95 l/min
1058	AR	39	141
1059	AR	42	149
1060	AR	43	154

Notice: AR - As received

Requirement: The exhalation resistance for classes FFP2 shall not exceed 300 Pa at flow of 160 l/min.

Discovered:

Exhalation resistance

sample	condition	position				
		ahead	down	up	left	right
		Pa	Pa	Pa	Pa	Pa
1058	AR	221	217	218	216	218
1059	AR	232	227	225	228	229
1060	AR	238	230	232	232	233

Evaluation: Samples have satisfied the requirement

Non-homogeneity checking of production

The non-homogeneity checking of the production was also carried out within the check. The client has chosen the procedure - once per year, take sufficient samples.

The non-homogeneity was not found within the check.

VI. Conformity assessment to the essential requirements

The relevant requirements referred to Regulation (EU) 2016/425 ANNEX II, applicable to the final product, were assessed. The harmonized standard EN 149:2001+A1:2009 has been used during the assessment.

The check has confirmed that the tested personal protective equipment

conforms to the type described in the Certificate no. 1024/E-092/2024

and continues to satisfy the relevant essential requirements of Regulation (EU) 2016/425, on personal protective equipment.

VII. List of documents necessary for the Report elaboration

1. Regulation (EU) 2016/425 of the European Parliament and of the Council on personal protective equipment and repealing Council Directive 89/686/EEC
2. Application no. S-205/2024 dated 14. 10. 2024
3. Contract no. 096/2024 dated 15. 10. 2024
4. Test report no. 150/2024 dated 12. 11. 2024
5. Final Report no. 1024/ZZ-073/2024 dated 22. 11. 2024
6. EU type examination certificate no. 1024/E-092/2024 dated 22. 11. 2024
7. Declarations of manufacturer, technical documentation
8. EN 149:2001+A1:2009 Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking (idt. ČSN EN 149:2002+A1:2009, ČSN EN 149+A1 OPRAVA 1:2018)