

The report of the EU type-examination
№. R.ITT.43.29.7.3.300.PPE.2534 Date of issue: 01.02.2019
 (Issue I)

1. Name and address of the manufacturer

Automax Industrial Ltd.
 Nr 75, Baowang Road, Gaoqiao Ind zone,
 Ningbo, 315174
 China

2. Identification of personal protective equipment

Filtering half mask to protect against particles

– 7031 FFP3 NR D

3. PPE category: III

in accordance with the Annex I of the regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

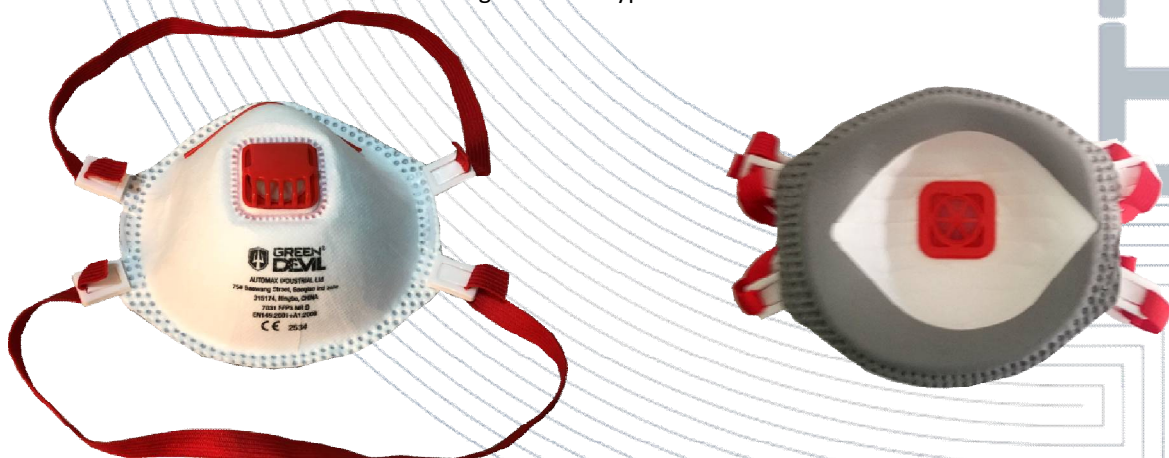
4. Visual description of the PPE

Filtering half mask type 7031 FFP3 NR D is a complete, disposable device (limited to single shift use only), which is a respiratory protective device against solid and liquid particles.

The design of the half mask consists of the following basic elements:

- bowl made of four-layers filtering material,
- nose clip - plastic stripe (2 wires connected by plastic bridge) intended for shaping of a half mask top edge of under the form of nose bridge,
- head straps,
- head harness fixation
- internal nose and face sealing.
- exhalation valve.

Filtering half mask type 7031 FFP3 NR D



5. Materials

	Material
Bowl	Four layers: external – polypropylene non-woven cover material (28 g/m ²), non woven bottom material – polypropylene (100 g/m ²), non-woven filter media material – polypropylene melt blown (100 g/m ²), internal – polypropylene non-woven bottom material (200 g/m ²)
Valve	Body - Polypropylene Membrane – Silicone
Head straps	Elastic rubber
Nose and face sealing	Polyurethane foam
Stripe for bowl shaping	Polypropylene

Detailed information regarding used for production of the PPE materials are presented in the Technical Files, archived in ITT CERTEX Sp. z o.o. (Ltd.).

6. Product marking



AUTOMAX INDUSTRIAL Ltd
 75 # Baowang Street, Gaogiao ind zone
 315174, Ningbo, CHINA
 7031 FFP3 NR D
 EN 149:2001+A1:2009



7. Technical file:

- a) Title of technical file: Manufacturing technical file for filtering half-mask – class FFP3 NR D
 b) Reference of the technical file: FFP3/7031/PPE-Reg/2018
 c) Date of issue: 03th of November, 2018

The technical documentation contains:

- a complete description of the PPE and of its intended use;
- an assessment of the risks against which the PPE is intended to protect;
- a list of the essential health and safety requirements that are applicable to the PPE;
- necessary drawings and descriptions;
- the references of the harmonised standards that have been applied for the design and manufacture of the PPE;
- the results of tests in so far as necessary for the verification of compliance with the essential health and safety requirements;
- reports on the tests carried out to verify the conformity of the PPE with the applicable essential health and safety requirements and the relevant protection class;
- 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 requirements and to maintain quality level;
- a copy of the manufacturer's instructions and information;
- identification of production sites.

Note: Technical file and instructions for use for the EU type-examination are presented in English only.

8. Available sizes

Not applicable

9. Standards and other documents

EN 149:2001+A1:2009 Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking

10. Tests results obtained

Parameter – standard point EN 149:2001+A1:2009	Test method	Number and date issue of test report	Evaluation
7.3 Visual inspection	EN 149:2001 +A1:2009 p. 8.2	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.4 Package	EN 149:2001 +A1:2009 p. 8.2	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.5 Material	EN 149:2001 +A1:2009 p. 8.2	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.7 Practical performance	EN 149:2001 +A1:2009 p. 8.4	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.8 Finish of parts	EN 149:2001 +A1:2009 p. 8.2	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.9.1 Total inward leakage	EN 149:2001 +A1:2009 p. 8.5	2018-W-082 of 19.10.2018 ¹⁾	Pass Class: FFP3
7.9.2 Penetration of filter material	EN 149:2001 +A1:2009 p. 8.11 EN 13274-7:2008	2018-W-082 of 19.10.2018 ¹⁾	Pass Class: FFP3
7.10 Compatibility with skin	EN 149:2001 +A1:2009 p. 8.4, 8.5	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.11 Flammability	EN 149:2001 +A1:2009 p. 8.6	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.12 Carbon dioxide content of the inhalation air	EN 149:2001 +A1:2009 p. 8.7	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.13 Head harness	EN 149:2001 +A1:2009 p. 8.4, 8.5	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.14 Field of vision	EN 149:2001 +A1:2009 p. 8.4	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.15 Exhalation valve	EN 149:2001 +A1:2009 p. 8.2 and 8.9.1	2018-W-082 of 19.10.2018 ¹⁾	Pass
7.16 Breathing resistance	EN 149:2001 +A1:2009 p. 8.9	2018-W-082 of 19.10.2018 ¹⁾	Pass Class: FFP3
7.17 Clogging (to dolomite dust)	EN 149:2001 +A1:2009 p. 8.10	2018-W-082 of 19.10.2018 ¹⁾	Pass Class: FFP3
7.17.3 Penetration of filter material	EN 149:2001 +A1:2009 p. 8.11 EN 13274-7:2008	2018-W-082 of 19.10.2018 ¹⁾	Pass Class: FFP3
7.18 Demountable parts	EN 149:2001 +A1:2009 p. 8.2	2018-W-082 of 19.10.2018 ¹⁾	Pass

1) National Quality Supervision and Testing Center for Personal Protective Equipment (Beijing – China), Accreditation - CNAS L1499

11. Product marking, and user information provided by the manufacturer

Performance	Requirements	Evaluation
Marking	EN 149:2001+A1:2009, p. 9	Pass
Information supplied by the manufacturer	EN 149:2001+A1:2009, p.10	Pass

SUMMARY

The carried out the conformity assessment process of the PPE named:

Filtering half mask to protect against particles, type

– 7031 FFP3 NR D

certifies compliance with the applicable essential requirements on health and safety contained in Annex II of the Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC and the requirements of the harmonized standards referred to in section 9 of this report.



Michał Górski
President of Board

Łódź, 01st of February, 2019

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3. Total number of report pages: 4.