

Taixing AJ PRO Co.,Ltd

Address: No.158, Xuanbao Nan Road, Taixing City, Jiangsu Province, P.R.China

EU DECLARATION OF CONFORMITY

1. **Personal protective equipment: Particulate Respirator (Model: AJ-01, Class: FFP2 NR)**

2. **Name and address of the manufacturer:**

Name: Taixing AJ PRO Co.,Ltd

Address : No.158, Xuanbao Nan Road, Taixing City, Jiangsu Province, P.R.China

3. **This declaration of conformity is issued under the sole responsibility of the manufacturer:**

Taixing AJ PRO Co.,Ltd

4. **Object of the declaration is: Particulate Respirator (Model: AJ-01, Class: FFP2 NR)** for respiratory protection against particular.

5. **The object of the declaration described in point 4 is in conformity with the relevant Union Harmonization legislation:** REGULATION (EU) 2016/425 on personal protective equipment and repealing Council Directive 89/686/EEC.

6. **Particulate Respirator (Model: AJ-01, Class: FFP2 NR) meets the FFP2 NR requirements of the harmonized standard EN 149:2001+A1:2009 used in order to confirm the conformity with the relevant Union harmonization legislation:** REGULATION (EU) 2016/425 on personal protective equipment and repealing Council Directive 89/686/EEC.

7. **The notified body:** NB 0370- LGAI TECHNOLOGICAL CENTER (APPLUS) ., with address: Campus UAB, Ronda de la Font del Carme s/n, E-08193 Bellaterra (Barcelona), Spain

8. **Certification Module:** EU TYPE EXAMINATION (Module B) + INTERNAL PRODUCTION CONTROL PLUS SUPERVISED CONTROL OF PRODUCTS AT ALEATORY INTERVALS (Module C2)

Signed for and on behalf of: Taixing AJ PRO Co.,Ltd

No.158, Xuanbao Nan Road, Taixing City, Jiangsu Province, P.R.China

Place and date of issue:

Taixing City, China

(Signature & Stamp)

Position: General Manager
Date: 4th March 2021

Clause 7.16 Breathing Resistance

EN 149:2001+A1:2009, Clause 8.9)

Test Requirement				Results	Comment
The breathing resistances apply to valved and valveless filtering half masks and shall meet the requirements as the following table.				Detail refer to Appendix 5	Pass
Classification	Maximum permitted resistance (mbar)				
	Inhalation		Exhalation		
	30 L/min	95 L/min	160 L/min		
FFP1	0.6	2.1	3.0		
FFP2	0.7	2.4	3.0		
FFP3	1.0	3.0	3.0		

Appendix 5: Summarization of Test Data

Specimen	Condition	Inhalation(mbar)		Exhalation resistance(mbar)				
		At 30 L/min	At 95 L/min	At 160 L/min				
				A	B	C	D	E
38#	A.R.	0.45	1.50	2.17	2.16	2.17	2.16	2.15
39#		0.45	1.49	2.16	2.15	2.16	2.15	2.14
40#		0.46	1.50	2.17	2.16	2.17	2.16	2.16
41#	S.W.	0.48	1.54	2.19	2.20	2.19	2.20	2.21
42#		0.49	1.53	2.20	2.20	2.21	2.21	2.22
43#		0.49	1.54	2.20	2.21	2.21	2.22	2.21
44#	T.C.	0.42	1.48	2.15	2.16	2.15	2.15	2.16
45#		0.42	1.47	2.15	2.14	2.15	2.16	2.16
46#		0.43	1.46	2.14	2.15	2.16	2.16	2.17
/	F.C.	/	/	/	/	/	/	/
/		/	/	/	/	/	/	/
/		/	/	/	/	/	/	/

A: facing directly ahead; B: facing vertically upwards; C: facing vertically downwards; D: lying on the left side; E: lying on the right side

Clause 7.17 Clogging

(EN 149:2001+A1:2009, Clause 8.9 & 8.10)

Test Requirement	Results	Comment																		
<p>Clause 7.17.2 Breathing resistance</p> <p>Valved particle filtering half masks:</p> <p>After clogging the inhalation resistances shall not exceed:</p> <p>FFP1: 4 mbar, FFP2: 5 mbar, FFP3: 7 mbar at 95L/min continuous flow. The exhalation resistance shall not exceed 3 mbar at 160 L/min continuous flow.</p> <p>Valveless particle filtering half masks:</p> <p>After clogging the inhalation and exhalation resistances shall not exceed: FFP1: 3 mbar, FFP2: 4 mbar, FFP3: 5 mbar at 95L/min continuous flow.</p>	Requirement not applicable.	N.A.																		
Test Requirement	Results	Comment																		
<p>Clause 7.17.3 Penetration of filter material</p> <p>All types (valved and valveless) of particle filtering half masks claimed to meet the clogging requirement shall also meet the requirements.</p> <table border="1"> <thead> <tr> <th rowspan="4">Classification</th><th colspan="2">Maximum penetration of test aerosol</th></tr> <tr> <th>Sodium chloride test 95 L/min</th><th>Paraffin oil test 95 L/min</th></tr> <tr> <th>%</th><th>%</th></tr> <tr> <th>max.</th><th>max.</th></tr> </thead> <tbody> <tr> <td>FFP1</td><td>20</td><td>20</td></tr> <tr> <td>FFP2</td><td>6</td><td>6</td></tr> <tr> <td>FFP3</td><td>1</td><td>1</td></tr> </tbody> </table>	Classification	Maximum penetration of test aerosol		Sodium chloride test 95 L/min	Paraffin oil test 95 L/min	%	%	max.	max.	FFP1	20	20	FFP2	6	6	FFP3	1	1	Requirement not applicable.	N.A.
Classification		Maximum penetration of test aerosol																		
		Sodium chloride test 95 L/min	Paraffin oil test 95 L/min																	
		%	%																	
	max.	max.																		
FFP1	20	20																		
FFP2	6	6																		
FFP3	1	1																		

Clause 7.18 Demountable Parts

(EN 149:2001+A1:2009, Clause 8.2)

Test Requirement	Results	Comment
All demountable parts (if fitted) shall be readily connected and secured, where possible by hand.	No detachable part	N.A.

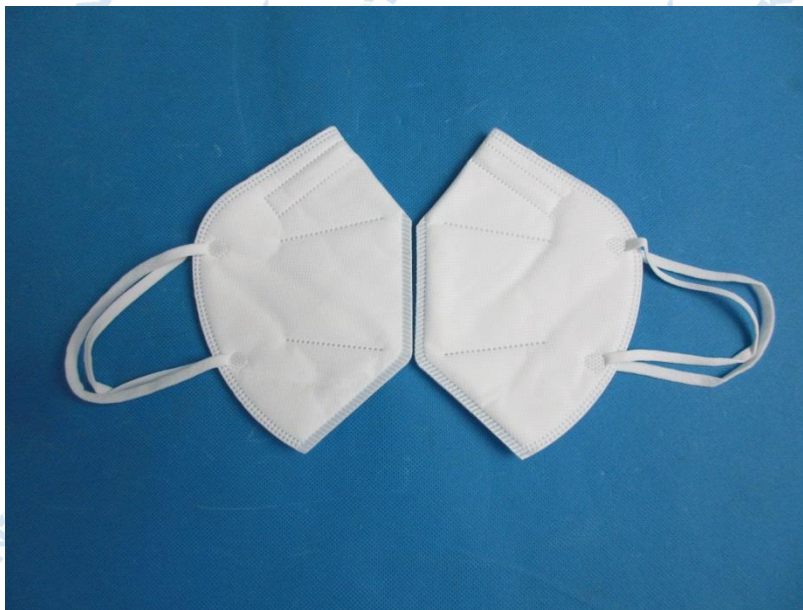
Sample photo(s):

Fig.1



Fig.2

******End of Report******

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