

## CERTIFICATE OF CONFORMANCE

**Certificate No: 2163-PPE-721/01**

Respiratory protective devices, filtering half masks to protect against particles manufactured by

**XUAN CHENG ZOOBOO SPORTS GOODS CO., LTD.**  
Shencun Community, Shencun Town Xuanzhou District, Xuancheng, Anhui, 242056, China

Continues to fulfil the requirements of

**EN 149:2001 + A1:2009 Respiratory Protective Devices -  
Filtering Half Masks to Protect Against Particles -  
Requirements, Testing, Marking**

Based on the evaluation of test reports and internal quality control audit reports according to EN 149+A1:2009 and Personal Protective Equipment Regulation (EU) 2016/425 Annex VII (Module C2). This certificate implies that the manufactured products show below are in conformance with the approved EU Type Examination model and meets the requirements of the regulation.

### Product Definition

Model	Class	EU Type Examination Certificate		
		Serial Nr.	Date	Issuing NB Nr.
ZOOBOO / ZB008	FFP2	2163-PPE-721	08.06.2020	2163

Here by the manufacturer is allowed to use notified body number (2163) and can fix CE mark, as shown below, on the Category III product models given above, with;

- Issuing an appropriate EU Declaration of Conformity according to **Personal Protective Equipment Regulation (EU) 2016/425 Annex 9**.
- Taking all measures necessary so that the manufacturing process and its monitoring ensure the homogeneity of production and conformity of the manufactured PPE with the type described in the EU type examination certificate.

This certificate is issued on **08/06/2020** and will be valid for one year, until **07/06/2021** if the manufacturer makes no major change in the product designs and manufacturing processes affecting the product performance on the essential health and safety requirement.



Suat KAÇMAZ  
UNIVERSAL CERTIFICATION  
Director







## EU TYPE EXAMINATION CERTIFICATE

Certificate No: 2163 - PPE - 721

Respiratory protective devices, filtering half masks to protect against particles manufactured by

**XUAN CHENG ZOOBOO SPORTS GOODS CO., LTD.**

Shencun Community, Shencun Town Xuanzhou District, Xuancheng, Anhui, 242056, China

are tested and evaluated according to

**EN 149:2001 + A1:2009 Respiratory Protective Devices -  
Filtering Half Masks to Protect Against Particles -  
Requirements, Testing, Marking**

Based on the type examination conducted with the evaluation of test reports, technical file according to Personal Protective Equipment Regulation (EU) 2016/425 Annex 5, it is approved that the product meets the requirements of the regulation.

未经授权，严禁转发

### Product Definition

Brand Name: ZOOBOO Model: ZB008

Filtering half mask

Classification: FFP2 NR

Here by the manufacturer is allowed to use notified body number (2163) and can fix CE mark, as shown below, on the Category III product models given above, with;

- Issuing an appropriate EU Declaration of Conformity according to **Personal Protective Equipment Regulation (EU) 2016/425 Annex 9**.
- Ongoing successful performance in fulfilment of the requirements set out in Personal Protective Equipment Regulation (EU) 2016/425 and harmonised standards, ensured by assessments based on **Annex 7 (Module C2) or Annex 8 (Module D)** of the regulation no later than 1 year from the beginning of serial production

This certificate is initially issued on **08/06/2020** and will be valid for 5 years, if there is no change in the relevant harmonised standard affecting the essential health and safety requirements.



Suat KACMAZ  
UNIVERSAL CERTIFICATION  
Director



中国认可  
国际互认  
检测  
TESTING  
CNAS L7901

# 检验检测报告

## TEST REPORT



STFWT202012422

Product Name Filtering half mask

XUAN CHENG ZOOBOO SPORTS GOODS

Trust Unit CO.,LTD

Manufacturer \_\_\_\_\_

Test Category Entrusted Inspection



江苏省特种安全防护产品质量监督检验中心  
JIANGSU QUALITY SUPERVISION AND INSPECTION CENTER FOR SPECIAL SAFETY PROTECTION PRODUCTS



# Test Report

STFWT202012422

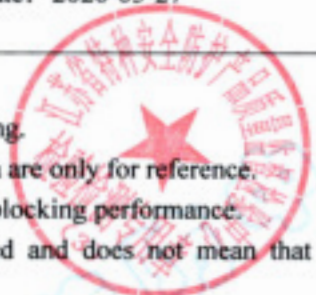
page 1 of 10

Product Name	Filtering half mask	Specification Type	ZB008
		Trademark	—
Trust Unit	XUAN CHENG ZOOBOO SPORTS GOODS CO.,LTD	Tel	—
Manufacturer	—	Sample Grade	FFP2
Sample Quantity	70 pcs	Sample Receiving Date	2020-05-05
Test Category	Entrusted inspection	Serial Number	—
Samples Conditions	Meet the testing requirements		
Document and Decide Accordance	EN 149: 2001+A1: 2009 《Respiratory protective devices -Filtering half masks to protect against particles-Requirements, testing, marking》		
Test Conclusion	<p style="text-align: center;">The samples were tested, the items tested meet the requirements of EN 149:2001+A1:2009 standard for FFP2 level.</p> <p style="text-align: right;">Signature Date: 2020-05-27</p>		
Remarks	<p>The head harness of the mask provided by the applicant is ear hanging.                      Compatibility with skin is not recognized by the center. The test data are only for reference.                      The sample is not marked for reuse and does not require testing for blocking performance.                      The test conclusion of this report is only for the items inspected and does not mean that the uninspected items or functions meet the requirements.                      The results apply to the sample as received.</p>		

Approver

Examiner

Major tester



**7.5 Material****Pass<sup>1</sup>**

Materials used shall be suitable to withstand handling and wear over the period for which the particle filtering half mask is designed to be used.

Any material from the filter media released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer.

After undergoing the conditioning described in 8.3.1 none of the particle filtering half masks shall have suffered mechanical failure of the facepiece or straps.

When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask shall not collapse.

**Note1: Refer to Annex A for test data.**

**7.6 Cleaning and disinfecting****N/A<sup>2</sup>**

If the particle filtering half mask is designed to be re-usable, the materials used shall withstand the cleaning and disinfecting agents and procedures to be specified by the manufacturer.

**Note2: Non-reusable respirator.**

**7.7 Practical performance****Pass<sup>3</sup>**

The particle filtering half mask shall undergo practical performance tests under realistic conditions.

**Note3: Refer to Annex A for test data.**

**7.8 Finish of parts****Pass**

Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs.





**7.9.1 Total inward leakage****Pass<sup>4</sup>**

For particle filtering half masks fitted in accordance with the manufacturer's information, at least 46 out of the 50 individual exercise results (i.e. 10 subjects x 5 exercises) for total inward leakage shall be not greater than:

and, in addition, at least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall be not greater than  
22% for FFP1, 8% for FFP2, 2% for FFP3

**Note4: Refer to Annex A for test data.**

**7.9.2 Penetration of filter material****Pass<sup>5</sup>**

The penetration of the filter of the particle filtering half mask shall meet the requirements of Table 1.

	Sodium chloride test 95	Paraffin oil test 95 l/min
FFP1	≤20%	≤20%
FFP2	≤6%	≤6%
FFP3	≤1%	≤1%

This report may not be published except in full unless permission for the publication of an approved extract has been obtained in writing.

**Note5: Refer to Annex A for test data.**

**7.10 Compatibility with skin****Pass<sup>6</sup>**

Materials that may come into contact with the wearer's skin shall not be known to be likely to cause irritation or any other adverse effect to health.

**Note6: Refer to Annex A for test data.**

**7.11 Flammability****Pass<sup>7</sup>**

When tested, the particle filtering half mask shall not burn or not to continue to burn for more than 5 s after removal from the flame.

**Note7: Refer to Annex A for test data.**

**7.12 Carbon dioxide content of the inhalation air****Pass<sup>8</sup>**

The carbon dioxide content of the inhalation air (dead space) shall not exceed an

**Note8: Refer to Annex A for test data.**



**7.13 Head harness****Pass<sup>9</sup>**

The head harness shall be designed so that the particle filtering half mask can be donned and removed easily.

The head harness shall be adjustable or self-adjusting and shall be sufficiently robust to hold the particle filtering half mask firmly in position and be capable of maintaining

**Note9: Refer to Annex A for test data.**

**7.14 Field of vision****Pass<sup>10</sup>**

The field of vision is acceptable if determined so in practical performance tests.

**Note10: Refer to Annex A for test data.**

**7.15 Exhalation valve****N/A<sup>11</sup>**

A particle filtering half mask may have one or more exhalation valve(s), which shall function correctly in all orientations.

If an exhalation valve is provided it shall be protected against or be resistant to dirt and mechanical damage and may be shrouded or may include any other device that may be necessary for the particle filtering half mask to comply with 7.9.

Exhalation valve(s), if fitted, shall continue to operate correctly after a continuous exhalation flow of 300 l/min over a period of 30 s.

When the exhalation valve housing is attached to the faceblank, it shall withstand axially a tensile force of 10 N applied for 10 s.

**Note11: Valve-less respirator.**

**7.16 Breathing resistance****Pass<sup>12</sup>**

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

**Note12: Refer to Annex A for test data.**



**7.17 Clogging**N/A<sup>13</sup>**7.17.2 Breathing resistance**N/A<sup>13</sup>

Valved particle filtering half masks:

After clogging the inhalation resistances shall not exceed:

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

Valveless particle filtering half masks

After clogging the inhalation and exhalation resistances shall not exceed:

FFP1: 3 mbar, FFP2: 4 mbar, FFP3: 5 mbar at 95L/min continuous flow

**7.17.3 Penetration of filter material**

	Sodium chloride test 95	Paraffin oil test 95 l/min
FFP1	≤20%	≤20%
FFP2	≤6%	≤6%
FFP3	≤1%	≤1%

N/A<sup>13</sup>**Note13: Non-reusable respirator.****7.18 Demountable parts**N/A<sup>14</sup>

All demountable parts (if fitted) shall be readily connected and secured, where possible by hand

**Note14: No demountable parts.**



**Annex A: Summarization of Test Data**

Clause		Result		Assessment			
7.5	Material	Simulated wearing treatment	1#	No mechanical failure	Pass		
			2#	No mechanical failure			
			3#	No mechanical failure			
		Temperature conditioned	4#	No mechanical failure			
			5#	No mechanical failure			
			6#	No mechanical failure			
7.9	Practical performance	As received	7#	No mechanical failure	Pass		
			8#	No mechanical failure			
7.9.1	Total inward leakage	<b>Individual exercise result</b>		Pass			
		As received	9#		47 out of the 50 individual exercise results $\leq 11\%$		
			10#		47 out of the 50 individual exercise results $\leq 11\%$		
			11#		47 out of the 50 individual exercise results $\leq 11\%$		
			12#		47 out of the 50 individual exercise results $\leq 11\%$		
			13#		47 out of the 50 individual exercise results $\leq 11\%$		
		Temperature conditioned	14#		47 out of the 50 individual exercise results $\leq 11\%$		
			15#		47 out of the 50 individual exercise results $\leq 11\%$		
			16#		47 out of the 50 individual exercise results $\leq 11\%$		
			17#		47 out of the 50 individual exercise results $\leq 11\%$		
			18#		47 out of the 50 individual exercise results $\leq 11\%$		
		<b>Individual wearer arithmetic means</b>			As received	9#	9 individual wearer arithmetic means $\leq 8\%$
		As received	10#			9 individual wearer arithmetic means $\leq 8\%$	
			11#			9 individual wearer arithmetic means $\leq 8\%$	
			12#			9 individual wearer arithmetic means $\leq 8\%$	
			13#			9 individual wearer arithmetic means $\leq 8\%$	
			Temperature conditioned			14#	9 individual wearer arithmetic means $\leq 8\%$
		15#				9 individual wearer arithmetic means $\leq 8\%$	
16#	9 individual wearer arithmetic means $\leq 8\%$						
17#	9 individual wearer arithmetic means $\leq 8\%$						
18#	9 individual wearer arithmetic means $\leq 8\%$						

Clause		Result		Assessment		
7.9.2	Penetration of filter material/%	Sodium chloride test(95L/min)		Pass		
		As received	19#		1.01	
			20#		1.15	
			21#		1.09	
		Simulated wearing treatment	22#		1.21	
			23#		1.15	
			24#		1.23	
		M.S.+T.C.	25#		1.35	
			26#		1.31	
			27#		1.32	
					Paraffin oil test(95L/min)	
		As received	28#		1.38	
			29#		1.42	
			30#		1.53	
		Simulated wearing treatment	31#		1.55	
			32#		1.62	
			33#		1.57	
		M.S.+T.C.	34#		1.81	
35#	1.79					
36#	1.78					
7.10	Compatibility with skin	As received	9#	No irritation or any other adverse effect to health	Pass	
			10#	No irritation or any other adverse effect to health		
			11#	No irritation or any other adverse effect to health		
			12#	No irritation or any other adverse effect to health		
			13#	No irritation or any other adverse effect to health		
		Temperature conditioned	14#	No irritation or any other adverse effect to health		
			15#	No irritation or any other adverse effect to health		
			16#	No irritation or any other adverse effect to health		
			17#	No irritation or any other adverse effect to health		
			18#	No irritation or any other adverse effect to health		
7.11	Flammability	As received	37#	Didn't burn	Pass	
			38#	Didn't burn		
		Temperature conditioned	39#	Didn't burn		
			40#	Didn't burn		



Clause		Result				Assessment
7.12	Carbon dioxide content of the inhalation air/%	As received				Pass
		41#	42#	43#	Mean value	
		0.56	0.57	0.55	0.56	
7.13	Head hardness	As received				Pass
		9#	Head harness can be donned and removed easily, adjustable and have sufficiently robust to hold the particle filtering half mask firmly.			
		10#	Head harness can be donned and removed easily, adjustable and have sufficiently robust to hold the particle filtering half mask firmly.			
		11#	Head harness can be donned and removed easily, adjustable and have sufficiently robust to hold the particle filtering half mask firmly.			
		12#	Head harness can be donned and removed easily, adjustable and have sufficiently robust to hold the particle filtering half mask firmly.			
		13#	Head harness can be donned and removed easily, adjustable and have sufficiently robust to hold the particle filtering half mask firmly.			
		Temperature conditioned				
		14#	Head harness can be donned and removed easily, adjustable and have sufficiently robust to hold the particle filtering half mask firmly.			
		15#	Head harness can be donned and removed easily, adjustable and have sufficiently robust to hold the particle filtering half mask firmly.			
		16#	Head harness can be donned and removed easily, adjustable and have sufficiently robust to hold the particle filtering half mask firmly.			
		17#	Head harness can be donned and removed easily, adjustable and have sufficiently robust to hold the particle filtering half mask firmly.			
18#	Head harness can be donned and removed easily, adjustable and have sufficiently robust to hold the particle filtering half mask firmly.					
7.14	Field of vision	As received	7#	Passed the practical performance tests		Pass
			8#	Passed the practical performance tests		

Clause		Result			Assessment		
		Inhalation		Exhalation			
		30 l/min	95 l/min	160 l/min			
		<b>As received</b>					
7.16	Breathing resistance (mbar)	41#	A	0.4	1.2	1.7	<b>Pass</b>
			B	0.4	1.2	1.7	
			C	0.4	1.2	1.8	
			D	0.4	1.2	1.7	
			E	0.4	1.3	1.7	
		42#	A	0.4	1.2	1.7	
			B	0.4	1.3	1.7	
			C	0.4	1.2	1.7	
			D	0.4	1.2	1.8	
			E	0.4	1.2	1.7	
		43#	A	0.4	1.2	1.8	
			B	0.4	1.2	1.7	
			C	0.4	1.2	1.7	
			D	0.4	1.3	1.7	
			E	0.4	1.2	1.7	
		<b>Simulated wearing treatment</b>					
		44#	A	0.4	1.2	1.7	
			B	0.4	1.3	1.7	
			C	0.4	1.2	1.8	
			D	0.4	1.2	1.7	
			E	0.4	1.2	1.7	
		45#	A	0.4	1.2	1.7	
			B	0.4	1.2	1.7	
			C	0.4	1.3	1.7	
			D	0.4	1.2	1.8	
E	0.4		1.2	1.7			
46#	A	0.4	1.2	1.7			
	B	0.4	1.2	1.8			
	C	0.4	1.2	1.7			
	D	0.4	1.2	1.7			
	E	0.4	1.3	1.7			



Clause		Result				Assessment	
7.16	Breathing resistance	Inhalation		Exhalation		Pass	
		30 l/min		95 l/min			160 l/min
		Temperature conditioned					
		47#	A	0.4	1.2		1.7
			B	0.4	1.3		1.7
			C	0.4	1.2		1.8
			D	0.4	1.2		1.7
			E	0.4	1.2		1.7
		48#	A	0.4	1.2		1.8
			B	0.4	1.2		1.7
			C	0.4	1.3		1.7
			D	0.4	1.2		1.7
			E	0.4	1.2		1.7
		49#	A	0.4	1.2		1.7
			B	0.4	1.2		1.7
			C	0.4	1.2		1.7
			D	0.4	1.3		1.8
			E	0.4	1.2		1.7
		7.16	Breathing resistance	A: facing directly ahead B: facing vertically upwards C: facing vertically downwards D: lying on the left side E: lying on the right side			
Remarks : M.S.: Mechanical strength; T.C.: Temperature conditioning; N/A: Not applicable							

Original Sample



===== End of Report =====

# 注 意 事 项

- 1、检验检测报告无“检验检测报告专用章”或检验检测单位公章无效。
- 2、复制检验检测报告未重新加盖检验检测报告专用章无效。
- 3、检验检测报告无主检、审核、批准人签字无效。
- 4、检验检测报告涂改无效。

## Points For Attention

1. This Report Is Invalid If Without “The Test Report Special Seal” Or The Official Seal Of The Institute.
2. The Reproduction Is Invalid If Without Being Confirmed By The Test Report Special Seal.
3. This Report Is Invalid If Without Signature Of The Major Tester And The Examiner And The Approver.
4. This Report Is Invalid If In Any Form By Any Means Altered.

地址：江苏省泰州市高港区临港经济园临港大道 166 号

Add: Lingang Road 166, Lingang Economic Park , Gaogang, Taizhou.Jiangsu

电话 ( Tel ): 0523-86989959

0523-86989939

邮编 ( Post ): 225300

网址 ( Web ): [www.jstfzx.com](http://www.jstfzx.com)

邮箱 ( E-mail ): [1735889887@qq.com](mailto:1735889887@qq.com)

监督电话 (Complain Tel): 0523-86989901