



CERTIFICADO DE EXAMEN UE DE TIPO

EU-TYPE EXAMINATION CERTIFICATE



No. **0370-4949-PPE/B**

ORGANISMO NOTIFICADO Nº <i>NOTIFIED BODY NUMBER</i>	0370 - LGAI TECHNOLOGICAL CENTER (APPLUS)
SOLICITANTE / FABRICANTE <i>APPLICANT / MANUFACTURER</i>	Ningbo Haishu Junheng Fashion Co., Ltd. Fengjia Village shiqi Haishu Areh Ningbo Zhejiang China
PLANTA DE PRODUCCIÓN <i>PRODUCTION SITE</i>	Ningbo Haishu Junheng Fashion Co., Ltd. Fengjia Village shiqi Haishu Areh Ningbo Zhejiang China
REGLAMENTO DE APLICACIÓN PARA DAR LA CONFORMIDAD / APPLICABLE REGULATION TO GIVE CONFORMITY: REGLAMENTO (UE) 2016/425 SOBRE LOS EQUIPOS DE PROTECCIÓN INDIVIDUAL <i>REGULATION (EU) 2016/425 PERSONAL PROTECTIVE EQUIPMENT</i>	
PROCEDIMIENTO DE EVALUACIÓN DE LA CONFORMIDAD <i>CONFORMITY ASSESSMENT PROCEDURE</i>	Módulo // <i>Module</i> : B EXAMEN UE DE TIPO / EU TYPE EXAMINATION
IDENTIFICACIÓN DEL EPI (NÚMERO DE TIPO) <i>IDENTIFICATION OF THE PPE (TYPE NUMBER)</i>	Ref.: JH-032 Protective Mask
NIVEL O NIVELES DE RENDIMIENTO O LA CLASE DE PROTECCIÓN DEL EPI / PERFORMANCE LEVEL OR PROTECTION CLASS OF THE PPE	FFP3 NR
NORMAS ARMONIZADAS / HARMONISED STANDARDS	EN 149:2001 + A1:2009 Dispositivos de protección respiratoria. Medias máscaras filtrantes de protección contra partículas. Requisitos, ensayos, marcado. <i>EN 149:2001 + A1:2009 Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking</i>
FECHA DE EMISIÓN / ISSUE DATE	18/12/2020
VALIDEZ HASTA / VALIDITY UNTIL	18/12/2025
<p>El presente certificado se mantendrá vigente durante 5 años siempre que el producto descrito no sea modificado y cumpla los requisitos esenciales de salud y seguridad establecidos en el Reglamento (UE) 2016/425. Para asegurar dicho cumplimiento, este certificado deberá ir acompañado de la documentación correspondiente a la Evaluación de Conformidad con el tipo según módulo C2, D (realizada por un Organismo Notificado, según frecuencia establecida).</p> <p><i>This certificate will remain valid for 5 years as long as the indicated product is not modified and fulfills the essential requirements of health and safety established in (EU) Regulation 2016/425. To ensure such compliance, this certificate must be accompanied by the documentation corresponding to the Conformity Assessment to type according to C2, D(carried out by a Notified Body according, to the established frequency).</i></p>	

Xavier Ruiz Peña
Managing Director, Product Conformity B.U.



Este documento carece de validez sin su anexo técnico, cuyo número coincide con el del certificado.
This document is not valid without its technical annex, whose number coincides with the number of certificate.

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ANEXO TÉCNICO
TECHNICAL ANNEX

0370-4949-PPE/B

I. MODELOS INCLUIDOS EN EL CERTIFICADO

REFERENCES INCLUDED IN THIS CERTIFICATE

MARCA <i>BRAND</i>	JH
IDENTIFICACIÓN DEL EPI (NÚMERO DE TIPO) <i>IDENTIFICATION OF THE PPE (TYPE NUMBER)</i>	Ref.: JH-032 Protective Mask
NIVEL O NIVELES DE RENDIMIENTO O LA CLASE DE PROTECCIÓN DEL EPI <i>PERFORMANCE LEVEL OR PROTECTION CLASS OF THE PPE</i>	FFP3 NR
INFORME DE ENSAYO <i>TEST REPORT</i>	4478520110116R2 issued by Shenzhen huatongwei international inspection Co., Ltd.

CERTIFICADO DE CONFORMIDAD CON EL TIPO CONFORMITY TO TYPE CERTIFICATE



Reglamento UE 2016/425 sobre EPI (C2)

No. **0370-5009-PPE/C2**

ORGANISMO NOTIFICADO Nº <i>NOTIFIED BODY NUMBER</i>	0370 - LGAI TECHNOLOGICAL CENTER (APPLUS)
SOLICITANTE / FABRICANTE <i>APPLICANT / MANUFACTURER</i>	Ningbo Haishu Junheng Fashion Co., Ltd. Fengjia Village shiqi Haishu Areh Ningbo Zhejiang China
PLANTA DE PRODUCCIÓN <i>PRODUCTION SITE</i>	Ningbo Haishu Junheng Fashion Co., Ltd. Fengjia Village shiqi Haishu Areh Ningbo Zhejiang China
REGLAMENTO DE APLICACIÓN PARA DAR LA CONFORMIDAD / APPLICABLE REGULATION TO GIVE CONFORMITY: REGLAMENTO (UE) 2016/425 SOBRE LOS EQUIPOS DE PROTECCIÓN INDIVIDUAL <i>REGULATION (EU) 2016/425 PERSONAL PROTECTIVE EQUIPMENT</i>	
PROCEDIMIENTO DE EVALUACIÓN DE LA CONFORMIDAD CON EL TIPO <i>CONFORMITY ASSESSMENT PROCEDURE TO TYPE</i>	Módulo // <i>Module:</i> C2 BASADA EN EL CONTROL INTERNO DE LA PRODUCCIÓN MÁS EL CONTROL SUPERVISADO DE LOS PRODUCTOS A INTERVALOS ALEATORIOS <i>BASED ON INTERNAL PRODUCTION CONTROL PLUS SUPERVISED CONTROL OF PRODUCTS AT ALEATORY INTERVALS</i>
IDENTIFICACIÓN DEL EPI (NÚMERO DE TIPO) <i>IDENTIFICATION OF THE PPE (TYPE NUMBER)</i>	Ref.: JH-032 Protective Mask
NIVEL O NIVELES DE RENDIMIENTO O LA CLASE DE PROTECCIÓN DEL EPI / PERFORMANCE LEVEL OR PROTECTION CLASS OF THE PPE	FFP3 NR
FECHA DE EMISIÓN / ISSUE DATE	05/01/2021
VALIDEZ HASTA / VALIDITY UNTIL:	05/01/2022
El presente certificado se mantendrá vigente durante 1 año siempre que no se modifiquen las condiciones establecidas en el Certificado de Examen UE de Tipo referenciado en el Anexo. <i>This certificate will remain in force for 1 year as long as the conditions established in the EU Type certificate referenced in the annex are not modified.</i>	



Xavier Ruiz Peña
Managing Director, Product Conformity B.U.

Este documento carece de validez sin su anexo técnico, cuyo número coincide con el del certificado.
This document is not valid without its technical annex, whose number coincides with the number of certificate.

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ANEXO TÉCNICO TECHNICAL ANNEX

0370-5009-PPE/C2

I. MODELOS INCLUIDOS EN EL CERTIFICADO

REFERENCES INCLUDED IN THIS CERTIFICATE

Nº CERTIFICADO DE EXAMEN UE DE TIPO <i>NR. EU TYPE EXAMINATION CERTIFICATE</i>	0370-4949-PPE/B
EMITIDO POR <i>ISSUED BY</i>	LGAI TECHNOLOGICAL CENTER S.A. (APPLUS) (Organismo notificado nº 0370 / Notified Body nr. 0370).
FECHA EMISIÓN <i>ISSUE DATE</i>	18/12/2020
VALIDEZ HASTA <i>VALIDITY UNTIL</i>	18/12/2025
MARCA <i>BRAND</i>	JH
IDENTIFICACIÓN DEL EPI (NÚMERO DE TIPO) <i>IDENTIFICATION OF THE PPE (TYPE NUMBER)</i>	Ref.: JH-032 Protective Mask
NIVEL O NIVELES DE RENDIMIENTO O LA CLASE DE PROTECCIÓN DEL EPI / <i>PERFORMANCE LEVEL OR PROTECTION CLASS OF THE PPE</i>	FFP3 NR
INFORME DE ENSAYO DE CONFORMIDAD CON EL TIPO <i>CONFORMITY TO TYPE TEST REPORT</i>	4478520120153 issued by Shenzhen huatongwei international inspection Co., Ltd.

EU DECLARATION OF CONFORMITY

1. Personal protective equipment: Protective Mask (Model: JH-032,FFP3 NR) with Brand as JH.
2. Name and address of the manufacturer: Ningbo Haishu Junheng Fashion Co., Ltd.
Fengjia Village shiqi Haishu Areh Ningbo Zhejiang China
3. This declaration of conformity is issued under the sole responsibility of the manufacturer:
Ningbo Haishu Junheng Fashion Co., Ltd.
4. Object of the declaration is: Protective Mask (Model: JH-032,FFP3 NR) for respiratory protection against particles.
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. Protective Mask (Model: JH-032,FFP3 NR) for respiratory protection against particles meets the 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**)
9. *European Authorized Representative:* Never land d.o.o.
Trg slobode 4 • 52460 Buje - Croatia

Signed for and on behalf of: Ningbo Haishu Junheng Fashion Co., Ltd.

Place and date of issue: Ningbo

(Signature & Stamp)

05/01/2021

宁波市海曙君恒服饰有限公司
NINGBO HAISHU JUNHENG FASHION CO., LTD.
高岳君



宁波海关技术中心

Ningbo Customs District Technology Centre

报告编号 Report No.: SC2120002

正本 (电子)
ORIGINAL (ELE)

检测报告(TEST REPORT)

Page 1 of 4

客供信息 Customer Information	样品描述 Sample Description	JH牌 JH-032型 非医用折叠型 一次性防护口罩(头戴式) Non-medical Protective Disposable Mask JH-032 (Headband)			商标 Brand	JH
	委托单位 Applicant	宁波市海曙君恒服饰有限公司 Ningbo Haishu Junheng Fashion Co., Ltd.				
	地址 Address	宁波市海曙区石碶街道冯家村 Fengjia Village, Shiqi Street, Haishu District, Ningbo				
	数量 Quantity	80只 80 Pieces	颜色 Color	白色 White	收样日期 Received date	2021-02-03
	规格 Size	155mm×105mm	类别 Type	IIR	报告日期 Reporting date	2021-02-10
	型号 Model	JH-032型				
检测实施日期 Date(s) of tests	2021-02-03~2021-02-10					
检测类别 Classification	委托检测 Entrusted	来样方式 Arriving way	客户送样 Delivery	样品状态 Sample Status	无异常 Normal	
检测项目 Test Items	根据申请者的要求 Selected tests as requested by applicant					
检测及判定依据 Test and judgment basis	EN 14683:2019+AC:2019 医用口罩-要求和检测方法 Medical face masks - Requirements and test methods					
检测结论(Conclusion): 该样品按上述标准检测, 检测结果详见附页。 The sample was tested according to the above standards, the results are shown in the following pages.						
备注: 1.检验结果仅对收到的样品负责。 Remarks: We are only responsible for the sample delivered by the applicant. 2.除日期信息外, 客供信息由客户提供并确认, 本中心不承担证实客户提供信息的准确性、适当性和(或)完整性责任。 In addition to the date information, customer related information is provided and confirmed by the customer, and our center does not assume responsibility for confirming the accuracy, appropriateness and / or completeness of the information provided by the customer.						



授权签字人: 陈建图



宁波海关技术中心

Ningbo Customs District Technology Center

报告编号 Report No.: SC2120002

检测报告附页(TEST REPORT)



Page 2 of 4

检验(测)项目 Test Items	标准要求 Requirements (Type IIR)	检验(测)结果 Results	单项判定 Assessment
材料和结构 Materials and construction	<p>医用口罩是一种医疗设备,一般由两层织物及其夹层中放置、粘合或模压的过滤层组成。医用口罩在使用过程中不得出现分解、裂开或撕裂。应选择洁净的过滤层和织物层材料。</p> <p>The medical face mask is a medical device, generally composed of a filter layer that is placed, bonded or moulded between layers of fabric. The medical face mask shall not disintegrate, split or tear during intended use. In the selection of the filter and layer materials, attention shall be paid to cleanliness.</p>	符合 Pass	符合 Pass
细菌过滤效率 Bacterial Filtration Efficiency (BFE) (%)	≥ 98	1# 99.9 2# 99.9 3# 99.9 4# 99.8 5# 99.9	符合 Pass



检测报告附页(TEST REPORT)



检测项目 Test Item	标准要求 Requirement (Type IIR)	检测结果 Results	单项判定 Assessment
防液体飞溅性 Splash Resistance Pressure (kPa)	≥16.0	详见附表 1 Detail refer to Appendix 1	符合 Pass

附表 1:

Appendix 1:

1#	2#	3#	4#	5#	6#	7#	8#
符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass
9#	10#	11#	12#	13#	14#	15#	16#
符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass
17#	18#	19#	20#	21#	22#	23#	24#
符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass
25#	26#	27#	28#	29#	30#	31#	32#
符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass	符合 Pass



检测报告附页(TEST REPORT)



样品照片 (Sample Photos) :



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中国认可
国际互认
检测
TESTING
CNAS 11205



TEST REPORT

Report No.: 4478520110116R2

Product Name: Protective Mask

Product Model: JH-032

Applicant: Ningbo Haishu Junheng Fashion Co., Ltd.



CHINA CERTIFICATION & INSPECTION GROUP CO., LTD. SHENZHEN
SHENZHEN HUATONGYUE INTERNATIONAL INSPECTION CO., LTD.





Test Report

Applicant	Ningbo Haisu Junheng Fashion Co., Ltd.		
Address	Fengjia Village, Fengjia, Haisu, Ningbo, Zhejiang, China		
Manufacturer	Ningbo Haisu Junheng Fashion Co., Ltd.		
Address	Fengjia Village, Fengjia, Haisu, Ningbo, Zhejiang, China		
Product name	Protective Mask		
Product model	JH1603		
Product quantity	1100PCS		
Brand	JH		
Product photo	Masking the main elements of testing.		
Testing laboratory	Shenzhen HUA CHANG International Inspection Co., Ltd.		
Test Location	1/F, Bldg. 3, Huarui Hi-Tech Industrial Park, Cuiyu Road, Tieshan, Guangming, Shenzhen, Guangdong, China		
Test standard	GB 190-2011/A1-2018 Respiratory protective devices— Filtering face pieces to protect against particles— Requirements, testing, marking		
Test requested	According to the requirement of the client, the test items of the sample is according to the standard GB 190-2011/A1-2018.		
Test result	Refer to page 2.		
Remarks	The product information was provided by applicant. The test fees are presented in this report table only for the object tested. This report shall not be reproduced, except in full, without the written approval of the issuing Testing Laboratory. Based on the report No. 447852010116R1 modify result of Demountable parts on 2020.12.18 and the original report result.		
Received date	11/23/2020	Issue (d) of preliminary result	11/23/2020 13:07:00
Tested by	Checked by		Approved by



Sample Description:	White mask
Type of use:	<input type="checkbox"/> Reusable particle filtering half mask <input checked="" type="checkbox"/> Single shift only particle filtering half mask
Class/condition:	<input type="checkbox"/> FFP1 <input type="checkbox"/> FFP2 <input checked="" type="checkbox"/> FFP3 NR
Exhalation Valve(s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Inhalation Valve(s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Possible test case verdicts:	
test case does not apply to the test object	NA
test object does meet the requirement	P (Pass)
test object does not meet the requirement	F (Fail)
test case does not be required to the object	NR (Not required)
Possible measurements:	
As measured:	A/B
Standard Working condition:	S/W
Temperature conditioned:	C
Flow conditioned:	F/C
Conditioned with desiccant:	D/D
Medium test strength:	M/S
Environmental condition of testing in this report:	
1) Unless otherwise specified, the ambient temperature for testing shall be 25±5°C.	
2) Temperature conditioned:	
a) for 24 h low dry bulb condition of (70±3)°C	
b) for 24 h low temperature of (20±3)°C	
and allow to return to room temperature for at least 4 h between exposures and prior to subsequent testing.	

7-2020-0116R2-A



Test Requested:

REQUIREMENT	Test clause	Applicant	Result	
			P	F
7.3 Visual inspection	5.2	☒	☐	☐
7.4 Packaging	5.2	☒	☐	☐
7.5 Material	5.2	☒	☒	☐
7.6 Clearing and labeling	5.4, 5.5, 5.11	☒	☐	☐
7.7 Product performance	5.4	☒	☐	☐
7.8 Finish details	5.2	☒	☒	☐
7.9.1 Total linear measure	5.5	☒	☒	☐
7.9.2 Permittance of film material	5.11	☒	☐	☐
7.10 Compatibility with skin	5.4, 5.5	☒	☒	☐
7.11 Flammability	5.6	☒	☒	☐
7.12 Color difference (contrast) of the injection air	5.7	☒	☐	☐
7.13 Head harness	5.4, 5.5	☒	☒	☐
7.14 Field of vision	5.4	☒	☒	☐
7.15 Ear and eye wires(s)	5.2, 5.4, 5.8, 5.11	☒	☐	☐
7.16 Breathing resistance	5.8	☒	☐	☐
7.17 Goggles	5.10	☐	☐	☐
7.18 Damaging to people	5.2	☒	☒	☐

100%合格



Test Results:

Test Item(s)	Test section	Test Requirement	Measured values	Result
Visual inspection	3.2	The visual inspection shall also include the marking and the information supplied by the manufacturer.	The glasses were not required.	NR
Packaging	3.2	The packaging shall protect against mechanical damage and contamination before use. After undergoing 5.6.1, none of the particle filtering half masks shall have suffered mechanical failure of the face piece or straps.	No mechanical damage. Neither face piece nor straps have mechanical failure.	Pass
Material	3.2	After undergoing 5.6.1, none of the particle filtering half masks shall collapse.	No collapse.	Pass
		Any material from the filter media released by the airflow through the filter shall not constitute a hazard or nuisance for the wearer.	Not harmful, toxic, hazard or nuisance for the wearer.	
Cleaning and disinfecting	5.4, 5.5.0 & 5.11	If the particle filtering half mask is designed to be reusable, the manufacturer shall withstand the cleaning and disinfecting agents and procedures to be specified by the manufacturer.	No reusable masks.	NR
Physical performance	5.7	Head harness should be comfort.	The head harness of comfortable wearing.	Pass
	5.4	Field of vision should be suitable.	All field of vision was fine.	
	5.4	Field of vision is acceptable.	Has a wider visual field.	

E-001-1 Pass



Finish of parts	8.2	Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs. At least 46 out of the 50 individual exercise results shall be not greater than 0%;	Parts of the device have no sharp edges or burrs	Pass			
Total inward leakage	8.5	And in addition, at least 8 out of the 10 individual exercise results shall not be greater than 0%.	Refer to table 1	Pass			
Permeation of the material (%)	8.11	Material that may contact with the wearer's skin shall not be known to be likely to cause irritation or any other adverse effect to health.	4.12	0.10	0.12	0.11	Pass
			5.12	0.15	0.10	0.25	
Permeation (%)	8.11	Material that may contact with the wearer's skin shall not be known to be likely to cause irritation or any other adverse effect to health.	4.12	0.41	0.22	0.09	Pass
			5.12	0.51	0.21	0.53	
Compatibility with skin	8.45&8.5	When tested, the surface (flaming test mask) shall not be known to be likely to cause irritation or any other adverse effect to health.	A.R.	5 pcs of each cause irritation		Pass	
			T.C.	5 pcs of each cause irritation			
Flammability	8.5	When tested, the surface (flaming test mask) shall not be known to be likely to cause irritation or any other adverse effect to health.	A.R.	Sample 1 no burning		Pass	
			T.C.	Sample 1 no burning			
Carbon dioxide content of the inhaled air (%)	6.7	4.11 (by volume) 4.12 (by mass)	0.03		Pass		
			0.42				
			Average	0.45			



Head harness	<p>6.4.3.1 The head harness shall be designed so that the particle filtering half mask can be attached and removed easily.</p> <p>6.4.3.2 The head harness shall be adjustable or self-adjusting and shall be sufficiently robust to hold the particle filtering half mask firmly in position.</p>	<p>A/R</p> <hr/> <p>F/C</p>	<p>All of 5 pieces particle filtering half mask meet the requirements.</p> <hr/> <p>All of 5 pieces particle filtering half mask meet the requirements.</p>	
Exhalation valve	<p>8.4 The front of exhalation valve shall be determined as in practical performance tests.</p> <p>8.258.0.1 All exhalation valves shall function correctly in all orientations.</p> <p>8.2 If an exhalation valve is provided, it shall be protected against 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 7.8.</p>	<p>The two masks with two exhalation valves passed test.</p> <hr/> <p>No exhalation valve</p>	<p>Pass</p> <hr/> <p>NR</p>	
Exhalation valve(s)	<p>8.3.4 Exhalation valves, fitted shall continue to operate correctly after a maximum exhalation flow of 300 l/min (max. pressure of 90 kPa).</p> <p>8.5 When the exhalation valve housing is attached to the head harness, it shall withstand a static pressure of 10 N applied for 10 s.</p>			

100% 100%



Blasting resistance (mm)	Inhalation 30L/min	7.9	≥10	The reference see attached table 2	Pass
	Inhalation 10L/min		≥50		
Cracking	Exhalation 180L/min	8.10	≥30	The device was not required	N/A
	Optional test for single soft use devices				
Demonstrable parts		8.2	All demonstrable parts (if fitted) shall be readily accessible and secured, where possible, by hand	All demonstrable parts is readily connected and secured	Pass



10. 4478520-10116R2



Table 1 Total inward leakage

Subject	Sample No.	Condition	Walk (%)	Head Sweats (%)	Head Updown (%)	Chk (%)	Walk (%)	Mean (%)
Hu	1	A.1	1.5	3.5	1.4	2.1	1.5	2.14
Xu	2	A.1	1.2	1.5	1.4	1.6	1.1	1.38
Wu	3	A.2	1.5	2.1	2.7	1.6	1.3	1.70
Lei	4	A.2	1.7	1.9	1.7	1.6	1.6	1.71
Gu	5	A.2	1.9	1.6	2.1	1.9	1.4	1.6
Zhou	6	T.O	1.5	2.4	1.3	2.6	1.6	1.95
Wang	7	T.O	1.3	1.5	1.2	0.8	1.7	2.46
Zhi	8	T.O	1.7	1.5	1.3	1.8	1.2	1.46
Yang	9	T.O	1.5	1.8	1.4	1.9	1.4	1.58
Liu	10	T.O	1.9	1.1	1.2	1.4	1.2	1.45
Maximum permitted					5	7		

For particle falling half mask fitted in accordance with the manufacturer's instruction, at least 45 out of the 50 leakage points are required to be in subject's downward position. Inward leakage shall not exceed the 20% for PFF1, 1% for PFF2, 2% for PFF3. And in addition, at least 5 out of the 10 individual average performance values for total inward leakage shall be no greater than 20% for PFF1, 0% for PFF2, 2% for PFF3.

Facial dimension

Subject	Face length(mm)	Face width(mm)	Face Depth(mm)	Mouth Width(mm)
Hu	115	122	90	50
Xu	123	130	119	52
Wu	110	121	104	50
Lei	120	120	125	55
Gu	121	146	90	52
Zhou	130	131	120	58
Wang	132	132	120	50
Zhi	113	130	110	51
Yang	115	118	115	51
Liu	121	120	125	58



Table 2 Breathing resistance

Test Item	Technical requirements	Detector position	Condition			Single item judgment
			A.R.	S.W.	T.O.	
Inhalation 30L/min	+1.0	A	0.5	0.5	0.5	Pass
			0.5	0.5	0.5	
			0.5	0.5	0.5	
Inhalation 85L/min	+0.0	A	1.0	1.0	1.0	Pass
			1.0	1.0	1.0	
			1.0	1.0	1.0	
Breathing resistance (new)	35%	A	2.0	2.0	2.0	Pass
			2.0	2.0	2.0	
			2.0	2.0	2.0	
		B	2.0	2.0	2.0	
			2.0	2.0	2.0	
			2.0	2.0	2.0	
		C	2.0	2.0	2.0	
			2.0	2.0	2.0	
			2.0	2.0	2.0	
		D	2.0	2.0	2.0	
			2.0	2.0	2.0	
			2.0	2.0	2.0	
		E	2.0	2.0	2.0	
			2.0	2.0	2.0	
			2.0	2.0	2.0	

A: Facing directly ahead; B: Facing walking forward; C: Facing vertically forward; D: Facing on the left side; E: Facing on the right side.

Uncertainty

Item	Uncertainty
Transition of the material (NaCl)	3.5%
Carbon dioxide content of the inhalation air	4.0%
Breathing resistance (30L/min)	4.5%
Breathing resistance (85L/min)	3.2%
Breathing resistance (160L/min)	3.4%

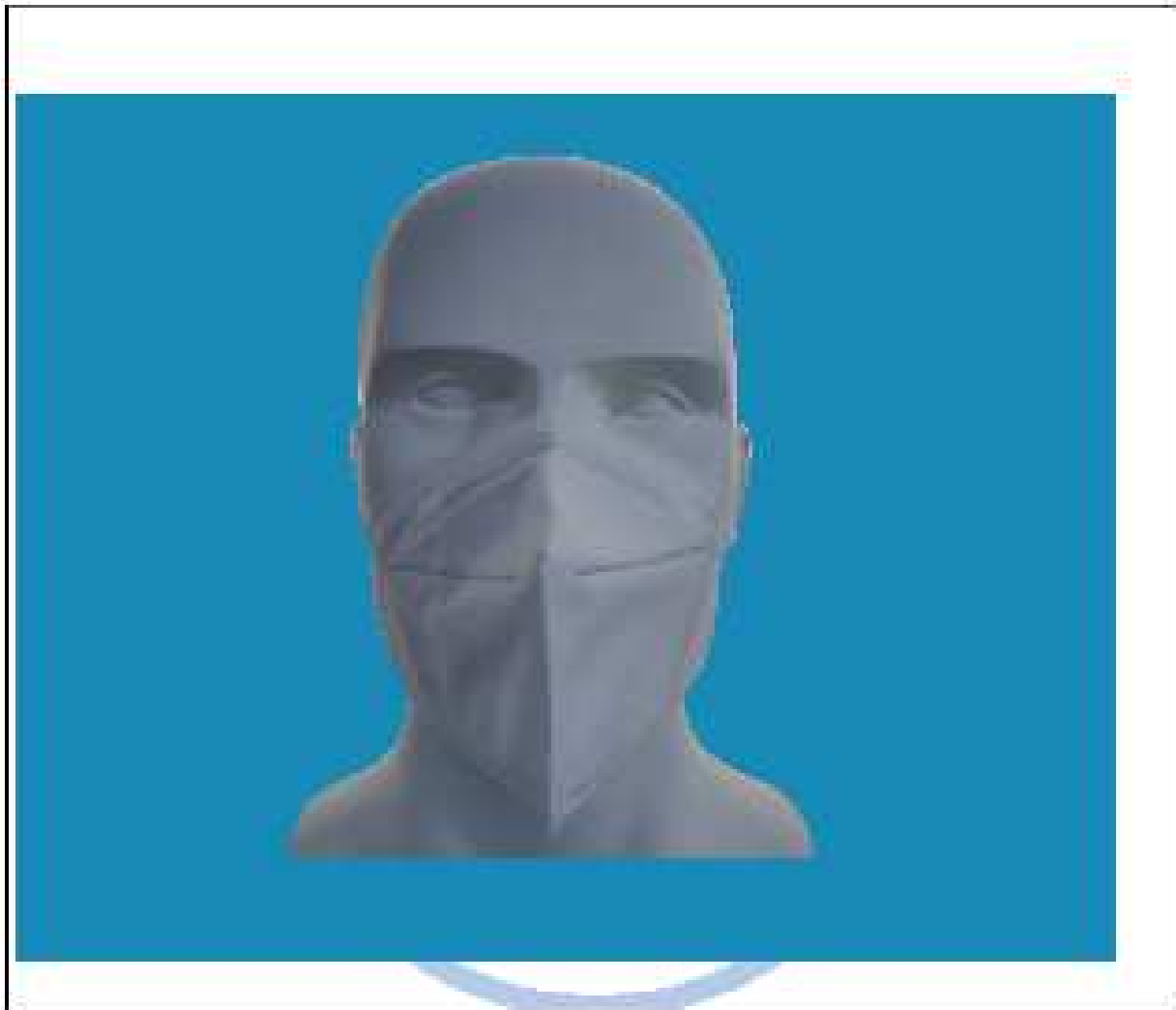


CHINA CERTIFICATION & INSPECTION GROUP SHENZHEN CO., LTD.
SHENZHEN HUAJIANWANG-INTERNAT. CHINA INSPECTION CO., LTD.
Add: Kaji Nan No.12 Road, Hi-tech Park, Shenzhen, China.
Tel: +86 755 2671 8017

Report No. 4478520110116R2

Date: 12.18.2020

Annex Photo of Testing Sample



End of Test Report



NOTE

1. The report is invalid without a order for testing.
2. The report is invalid without the signature of the test engineer, checker and approver.
3. Report altered invalid.
4. The inspection conclusion is valid only for the samples.
5. The inspection basis marked with * is not within the scope of CNAS accreditation and CMAA accreditation of the laboratory or the test results are obtained by qualified outsourcing institutions.
6. The report shall not be reproduced in part without the written consent of the Laboratory.
7. If there is any objection to the report, it can be raised to the lab within five working days from the date of receipt of the report, and it will not be accepted within the time limit.





中国认可
国际互认
检测
TESTING
CNAS 11204



TEST REPORT

Report No.: 4478520120153

Product Name: Protective Mask

Product Model: JF1002

Applicant: Ningbo Hasha Juncheng Fashion Co., Ltd.



CHINA CERTIFICATION & INSPECTION CENTER (SHENZHEN) CO., LTD.
SHENZHEN HUATONG INTERNATIONAL INSPECTION CO., LTD.





Report No: 4478520120153

Date: 01/04/2021

Test Report

Applicant:	Ningbo Haxin Jinteng Fashion Co., Ltd.	
Address:	Fengjia Village Shiji Haxin Area Ningbo Zhejiang China	
Manufacturer:	Ningbo Haxin Jinteng Fashion Co., Ltd.	
Address:	Fengjia Village Shiji Haxin Area Ningbo Zhejiang China	
Product name:	Protective Mask	
Product model:	J11035	
Product quantity:	70-200	
Brand:	J1	
Lot number:	20201220	
C2 Sampling done by APP/US+ with ID number:	20/32302902	
Product use:	Meeting the requirements of wearing.	
Testing Laboratory:	Shenzhen Huafongjie International Inspection Co., Ltd.	
Test Location:	15, Bldg. 3, Hengjie-Hi-tech Industrial Park, Ganyu Road, Tianhuo-Congming, Shenzhen, Guangdong, China	
Test standard:	GB 149-2011+A1:2012 Respiratory protective devices — Filtering half masks to protect against particles. Requirements, testing, marking	
Test Requirement:	According to the requirement of the Machine 02 (SFC 02-002) (NMI 111) of Appus+ the test result of the sample according to the standard GB 149-2011+A1:2012	
Test result:	Refer to page 3.	
Remarks:	The product information was provided by applicant. The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the testing testing laboratory.	
Received date:	2/28/2020 Date (s) of performance of tests: 12/28/2020 --01/04/2021	
Tested by:	Checked by:	
<i>R. Wang</i>	<i>Hao Guo</i>	



Sample Description:	White mask
Type of use:	<input type="checkbox"/> For-reusable particle filtering half mask <input checked="" type="checkbox"/> Single shift only particle filtering half mask
Classification:	<input type="checkbox"/> FFP1 <input type="checkbox"/> FFP2 <input checked="" type="checkbox"/> FFP3/FR
Exhalation Valve(s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Inhalation Valve(s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Possible test case verdicts:	
test case does not apply to the test object	NA
test object does meet the requirement	P (Pass)
test object does not meet the requirement	F (Fail)
test case does not be required to the object	NR (Not required)
Possible measurements:	
As measured:	A/R
Simulated Working condition:	S/W
Temperature conditioned:	C
Flow conditioned:	F/C
Flowing and discharging:	F/D
Medium test strength:	M/S
Environmental condition of testing in this report:	
1) Unless otherwise specified, the ambient temperature for testing shall be 25±5°C. 2) Temperature conditioned: a) for 24h in a dry atmosphere of (70±3)°C b) for 48h in a temperature of (40±3)°C and allowed to return to room temperature for at least 4h between exposures and prior to subsequent testing.	

CHINA CERTIFICATION & INSPECTION GROUP SHENZHEN CO., LTD.



Test Requested:

REQUIREMENT	Test clause	Applicant	Result	
			P	F
7.0 Visual inspection	6.2	☑	☑	☐
7.6 Material	6.2	☑	☐	☐
7.8.1 Total inward leakage	6.5	☑	☐	☐
7.8.2 Penetration of filter materials	6.5.1	☑	☑	☐
7.12 Carbon dioxide content of the atmosphere	6.7	☑	☑	☐
7.16 Breathing resistance	6.9	☑	☑	☐
7.18 Demountable parts	6.2	☑	☐	☐

A 100% 合格



Test Results:

Test item (a)	Test section	Test Measurement	Measured values	Verdict			
Visual inspection	0.2	The visual inspection shall also include the marking and the information supplied by the manufacturer.	The clauses were not required.	Pass			
Make up	2.2	After undergoing BW, none of the particle filtering half masks shall have suffered mechanical failure of the face piece or straps.	Neither face piece nor straps have mechanical failure.	Pass			
	2.3	After undergoing BW and TC, none of the particle filtering half masks shall not collapse. Any material from the filter media released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer.	No collapse No materials released or nuisance for the wearer.				
Total inward leakage	2.4	At least 40 out of the 50 individual exercise results shall be not greater than 5%. And in addition, at least 5 out of the 10 selected wearer submeasures for the total inward leakage shall be not greater than 1%.	Refer to table 1	Pass			
Penetration of filter media (%)	Sodium chloride	2.11	AIR	0.07	0.24	0.11	Pass
			SAW	0.35	0.30	0.47	
			M.G+TC	0.35	0.01	0.34	
	Paraffin oil	2.1	AIR	0.10	0.04	0.11	Pass
			SAW	0.42	0.28	0.36	
			M.G+TC	0.39	0.00	0.39	



Report No: 4478520120153

Date: 01/04/2021

Carbon dioxide content of the inhaled air (%)	0.2	At 30ry volume), 2.R tested	<table border="1"> <tr><td>0.40</td></tr> <tr><td>0.48</td></tr> <tr><td>0.47</td></tr> <tr><td>Average 0.45</td></tr> </table>	0.40	0.48	0.47	Average 0.45	Pass
0.40								
0.48								
0.47								
Average 0.45								
Breathing resistance (total): Inhalation 30L/min Inhalation 30L/min Exhalation 160L/min	5.8	43.0 42.0 43.0	For details see attached table 2	Pass				
Detachable parts	0.2	All detachable parts (if any) shall be used by connected and secured, where possible by hand.	Detachable parts are readily connected where by hand	Pass				





Table 1 Total inward leakage

Subject	Sample No.	Condition	Walk (%)	Head Upside (%)	Head Upside (%)	Sk (%)	Walk (%)	Mean (%)
Hu	1	A.1	2.1	2.1	1.4	1.4	1.7	1.9
Xu	2	A.1	1.6	1.6	1.4	2.2	1.8	1.8
Wu	3	A.2	1.1	1.0	1.1	1.2	1.1	1.1
Lei	4	A.2	1	1.1	1.1	2.1	1.7	1.5
Gu	5	A.2	1.2	1.0	1.1	3.2	1.5	1.7
Zhou	6	T.C	2.0	1.6	2.1	3.4	2.1	2.1
Wang	7	T.C	1.5	1.2	1.2	2.0	1.8	1.54
Zhu	8	T.C	0.8	1.1	1.1	1.8	1.4	1.22
Yang	9	T.C	1.3	1.2	1.1	2.4	1.8	1.54
Liu	10	T.C	1.2	1.1	1.1	1.8	1.2	1.54
Maximum permitted					5	2		

For particles being half-size, this is equivalent to the manufacturer's nominal or, in case of the 50 individual particles, the 25th of subjects. For total inward leakage shall not exceed than: 20% for PFF1, 1% for PFF2, 1% for PFF3. And in addition, at least 5 out of the 10 individual average arithmetic means for the test inward leakage shall be not greater than: 20% for PFF1, 5% for PFF2, 2% for PFF3.

Facial dimension

Subject	Face length(mm)	Face width(mm)	Face Depth(mm)	Mouth Width(mm)
Hu	115	122	100	50
Xu	123	130	119	52
Wu	110	121	101	50
Lei	120	130	125	55
Gu	121	145	125	52
Zhou	130	131	125	58
Wang	132	132	120	50
Zhu	115	130	115	51
Yang	115	118	115	51
Liu	121	120	125	58

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Table 2 Breathing resistance

Test Item	Technical requirements	Defect position	Condition			Single item decision
			A.R	S.W	T.O	
Inhalation 300/min	≤1.0	A	0.5	0.5	0.5	Pass
			0.6	0.6	0.6	
			0.6	0.6	0.6	
Inhalation 850/min	≤0.6	A	1.7	1.6	1.8	Pass
			1.7	1.6	1.7	
			1.6	1.6	1.6	
Breathing resistance (mixed)	≤3.0	A	2.7	2.6	2.8	Pass
			2.6	2.6	2.6	
			2.8	2.6	2.8	
		B	2.7	2.6	2.8	
			2.6	2.6	2.6	
			2.8	2.6	2.8	
		C	2.7	2.6	2.6	
			2.8	2.6	2.8	
			2.6	2.6	2.6	
		D	2.7	2.6	2.6	
			2.8	2.6	2.8	
			2.6	2.6	2.6	
E	2.7	2.6	2.6			
	2.8	2.6	2.8			
	2.6	2.6	2.6			

A: Facing directly ahead; B: Facing weakly forward; C: Facing actually forward; D: Lying on the left side; E: Lying on the right side.

Uncertainty

Item	Uncertainty
Transition of filter material (NaCl)	3.5%
Carbon dioxide content of the inhalation air	4.0%
Breathing resistance (30L/min)	4.5%
Breathing resistance (90L/min)	0.7%
Breathing resistance (160L/min)	3.4%



Annex Photo of Testing Sample

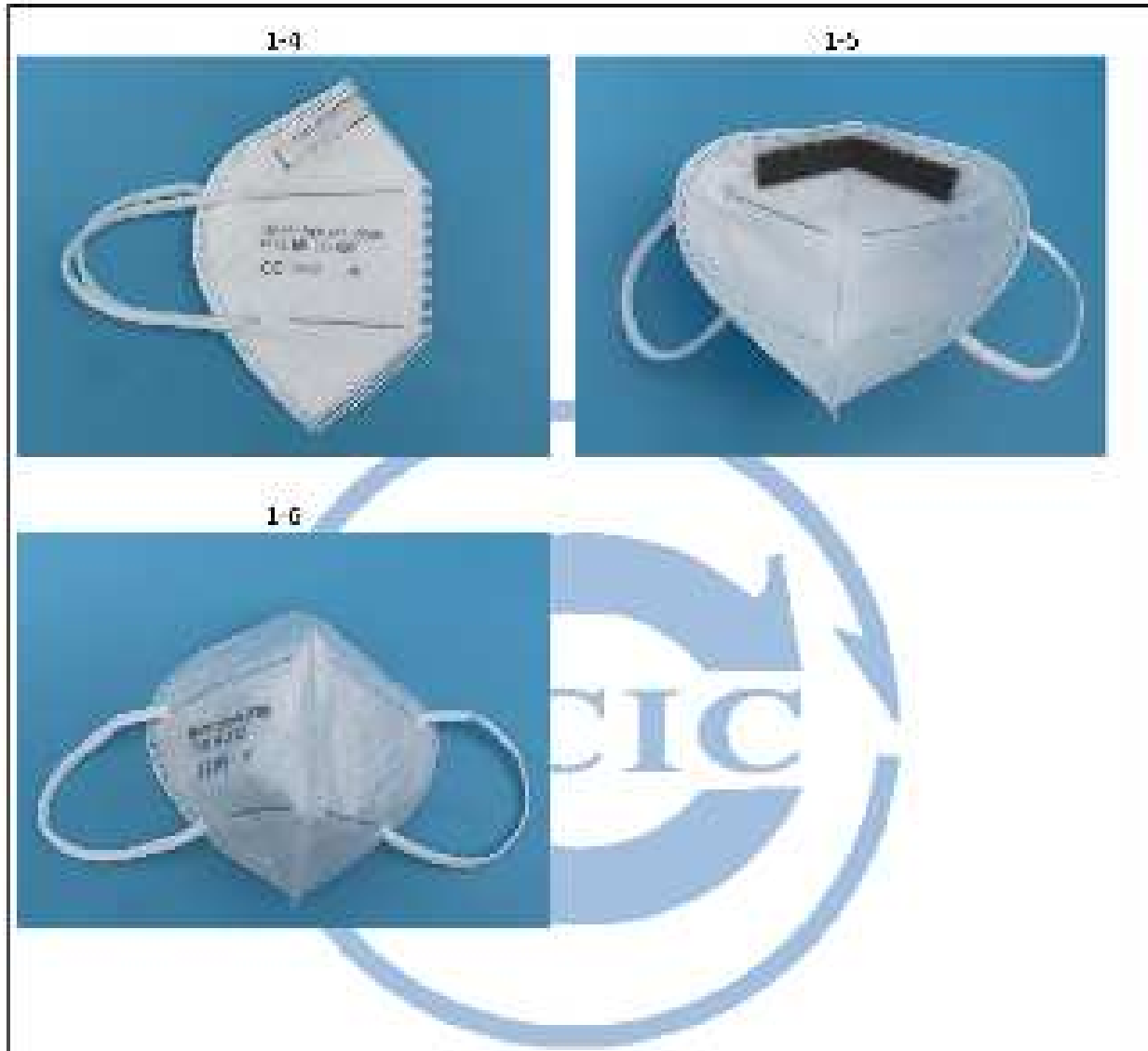


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Report No.:4478620120153

Date: 01/04/2021



End of Test Report



NOTE

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