
JunYue
FFP2 NR
Suave •
cómodo •
respiración libre •
EN 149:2001+A1:2009
Filtering half mask
NO MÉDICA
10 PCS. UNIDADES
CE 2163
≥94%
JunYue™ CE 2163
EN149:2001+A1:2009
FFP2 NR
JunYue™
FFP2 NR
Filtering half mask to protect against COVID-19
1 pieza
PM 2.5
94

JunYue®

FFP2 NR

JY-2018-1

Suave •
cómodo •
respiración libre •

EN 149:2001+A1:2009
Filtering half mask
NO MÉDICA

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GB

Product standard: EN149: 2001 + A1: 2009 FFP2 NR
Product name: Filtering Half Mask
Model: JY-2018-1
Format: 1 piece | bag , 10bag | box
Lot and production date: see package
Expiry date: 3 years from production date
Product usage: Respiratory protector with self-priming filter for non-oil particulate.
Instructions:
1.Open the mask and face the side of the mask without a nose clip so that the nose clip is above the mask.
2.Both hands hold each side of the ear band, with the mask against the chin.
3.To hang the ear band behind the ear, adjust the ear band to feel as comfortable as possible.
4.Place both fingers in the middle of the metal nose clip, press inward while moving the fingertips along the nose clip to both sides until the nose clip is completely pressed into the shape of the bridge of the nose. Mask tightness can only be assured by pressing the nose clip by hand.

DE

Produktstandard: EN149: 2001 + A1: 2009 FFP2 NR
Produktname: Halbmaske filtern
Modell: JY-2018-1
Format: 1 Stück | Tasche, 10 Beutel | Box
LOT und Produktionsdatum: siehe Verpackung
Verfallsdatum: 3 Jahre ab Produktionsdatum
Das Produkt besteht aus fünf Schichten: Außenschicht aus Vliesstoff, mittlere Schichten aus einer Doppelschicht Schmelzgebasenen Vlies und einer Schicht Hellaffaktivkohle, Innenschicht aus Vliesstoff.
Anwendungsbereich: Atemschutz mit selbstansaugendem Filter für Nicht-Öl-Schmutzpartikeln.
Gebrauchsanweisung:
1. Öffnen Sie die Maske auf der Seite ohne Nasenclip, sodass sich der Nasenclip über der Maske befindet.
2. Mit den Händen jeweils eine Seite des Ohrbands nehmen und Maske gegen das Kinn halten.
3. Um das Ohrband hinter dem Ohr aufzuhängen, stellen Sie das Ohrband so ein, dass es sich so angenehm wie möglich anfühlt.
4. Drücken Sie mit zwei Finger in die Mitte des Metallnasenclips, um es an Ihre Nasenform anzupassen. Nur so kann die Sicherheit der Maske gewährleistet werden.

Componentes principales: hilados, paños funditos, productos de balneación
Condiciones de almacenamiento: intervalo de temperatura: 20°C a más 30°C
Humedad relativa máxima: 80%.

WENZHOU JUNYUE BAG MAKING CO.,LTD
Address:Building 5, Yellow River industrial park, no.4699 Century avenue, longgang city, wenzhou city, zhejiang province
Phone:+86-577-68060788
Fecha de fabricación y número de lote
véase el certificado de conformidad

ES

Certificado de calidad: EN149:2001+A1:2009 FFP2 NR
Nombre del producto: Mascarillas autofiltrantes
Modelo: JY-2018-1
Formato: 1 pieza | forma: 10 bolsas | caja
Lote y Fecha de producción: Ver la bolsa
Fecha caducidad: 3 años a partir de la fecha de producción
El producto consta de cinco capas: tela no tejida de la capa exterior, capas intermedias con filtro en material fundido de soplar, capa y una capa de algodón de aire caliente, capa interior no tejida.
Uso del producto: Protección respiratoria con filtro autofiltrante de partículas no contaminadas
Instrucciones de uso:
1. Abra la mascarilla y coja hacia el exterior de la mascarilla con una pinza nasal para que la pinza nasal quede con mucha de la mascarilla
2. Ahora mismo sostenga cada lado de la banda para no unas con una inadecuada cuerda la cuerda.
3. Tire ligeramente la banda para ajustar la cinta, ajuste la cinta para que se ajuste lo más cómodo posible.
4. Por favor, antes de en el medio del clip de nariz de metal, presione hacia adentro ligeramente cuanto del cierre de los dedos a lo largo del clip de nariz está completamente presionado en la forma de la caja de la nariz. Solo una mano presiona el clip de nariz de la máscara puede afectar la tensión de la máscara

IT

Certificato di qualità: EN149: 2001 + A1: 2009 FFP2 NR
Nome prodotto: maschere autofiltranti
Modello: JY-2018-1
Formato: 1 pezzo | forma: 10 sacchetti | scatola
Lotto e data di produzione: vedere la borsa
Data di scadenza: 3 anni dalla data di produzione
Il prodotto è composto da cinque strati: strato esterno in tessuto non tessuto, strati intermedi non tessuti e strato soffiato a fusione, strato interno non tessuto.
Utilizzo del prodotto Protezione respiratoria con filtro autofiltrante per particelle non oleose
Istruzioni per l'uso:
1. Aprire la maschera e guardare al lato della mascherina tenere un fermaglio per il naso in modo che il fermaglio per il naso si trovi sopra la maschera.
2. Successivamente le cuciti tengono ogni lato dell'auricolare, con una maschera contro il viaggio.
3. Per aggiustare la fascia delle orecchie, regolare la fascia in modo che sia il più confortevole possibile.
4. Si prega di entrambe le dita al centro del fermaglio nasale in metallo, premere verso l'interno mentre si spostano le punte delle dita lungo il fermaglio nasale completamente premuti nella forma del viaggio nasale. Solo una mano preme il fermaglio per il naso della mascherina può influenzare la tensione della mascherina

FR

Certificat de qualité: EN149: 2001 + A1: 2009 FFP2 NR
Nom du produit: masques auto-filtrants
Modèle: JY-2018-1
Format: 1 pièce | sac, 10 sacs | boîte
Lot et date de production: voir le sac
Date d'expiration: 3 ans à compter de la date de production
Le produit se compose de cinq couches: tissu non tissé de couche extérieure, couches intermédiaires soufflé par fusion de polypropylène, couche à double couche et une couche de coton à air chaud, couche intérieure non tissée.
Utilisation du produit Protection respiratoire avec filtre auto-amorçant pour particules non grasses.
Mode d'emploi:
1. Ouvrez le masque et regardez sur le côté du masque sans pince-nez afin que la pince-nez soit au-dessus du masque.
2. Les deux mains tiennent de chaque côté de l'oreillette, avec un masque contre la mention.
3. Pour ajuster la bande derrière l'oreille, ajustez la bande pour qu'elle soit aussi confortable que possible.
4. S'il vous plaît les deux doigts au milieu du clip nasal en métal, orientez vers l'intérieur tout en déplaçant vos doigts le long du clip nasal est complètement enfoncé dans la forme du travail nasal. Une seule main appuie sur le clip nasal du masque peut affecter la tension du masque

6 974040 450009

WENZHOU JUNYUE BAG MAKING CO.,LTD
Address:Building 3, Yellow River industrial park, no.4888 Century avenue, longgang city, wenzhou city, zhejiang province
Phone:+86-577-68066788
Fecha de fabricación y número de lote véase el certificado de conformidad

AENOR

Certificado de Examen UE de Tipo
EU Type-Examination Certificate

A18/000282

AENOR, como organismo notificado (nº 0099) para el Reglamento (UE) 2016/425, ha emitido este certificado a favor de
In compliance with Regulation (EU) 2016/425, the notified body AENOR (nº 0099) has issued this certificate to

WENZHOU JUNYUE BAG MAKING CO., LTD

Domicilio social / Registered office	Floor 4th Room 401 and Floor 5th Room 501, Building 5, Yellow River Industrial Park, No. 4699 325802 Century Avenue, Longgang City, WenZhou, ZheJiang, (China)
para el producto / for the product	Dispositivos de protección respiratoria. Medias máscaras filtrantes de protección contra partículas. / Respiratory protection devices. Half filter masks to protect against particles.
conforme con el Reglamento in compliance with Regulation	Reglamento UE 2016/425 de Equipos de Protección Individual (Regulation EU 2016/425 on Personal Protective Equipment)
Norma armonizada / Harmonized standard	EN 149:2001+A1:2009
	Más información en el anexo / See annex for more information.
Centro de producción / Production site	Floor 4th Room 401 and Floor 5th Room 501, Building 5, Yellow River Industrial Park, No. 4699 325802 Century Avenue, Longgang City, WenZhou, ZheJiang, (China)
Esquema de evaluación Assessment scheme	Anexo V (Examen UE de Tipo – Módulo B) del Reglamento (UE) 2016/425. Este certificado se utilizará únicamente en relación con uno de los procedimientos de evaluación de la conformidad a que se hace referencia en el artículo 19, letra c) del Reglamento (UE) 2016/425. Annex V (EU Type-examination – Module B) of Regulation (EU) 2016/425. This certificate shall only be used in conjunction with one of the conformity assessment procedures referred to in point (c) of Article 19 of Regulation (EU) 2016/425.
Fecha de emisión / First issued on	2020-11-27
Fecha de expiración / Validity date	2025-11-27

Rafael GARCÍA MEIRO
Director General / CEO

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Organismo de control acreditado por ENAC con acreditación Nº 1/C-PR354
Control body accredited by ENAC. Accreditation number 1/C-PR354

AENOR

Certificado de Examen UE de Tipo
EU Type-Examination Certificate

A18/000282

Anexo al Certificado
Annex to Certificate

Norma armonizada / Harmonized standard EN 149:2001+A1:2009

Marca Comercial / Trade Mark	Referencia / Reference	Clasificación / Classification	Descripción / Description
JunYue	JW078	FFP3 NR	MEDIA MASCARILLA, DE CUATRO CAPAS DE FILTRADO, DOS CINTAS FIJAS DE SUJECIÓN A OREJAS, DE TIPO PLEGABLE. DISEÑADA PARA PROTEGER CONTRA PARTÍCULAS SÓLIDAS O LÍQUIDAS SUSPENDIDAS EN EL AIRE. NO REUTILIZABLE / FILTERING HALF MASK, FOUR FILTERING LAYERS, TWO EAR STRAPS, FOLDING STYLE. DESIGNED TO PROTECT AGAINST AIRBORNE SOLID OR LIQUID PARTICLES. NON-REUSABLE.

Fecha de emisión / First issued on 2020-11-27
Fecha de expiración / Validity date 2025-11-27

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Organismo de control acreditado por ENAC con acreditación Nº 1/C-PR354
Control body accredited by ENAC. Accreditation number 1/C-PR354

Ningbo Customs District Technology Center

No.8 Huikang Road, Yinzhou District, Ningbo City, Zhejiang Province, China.

Phone:+86 574 83890791 Fax:+86 574 83890792

The Testing Center is accredited for compliance with ISO/IEC17025:2017.

The results of tests, calibrations and/or measurements included in this document are traceable to Chinese/national standards.

CNAS is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

TEST REPORT

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

The following samples were submitted and identified on behalf of the client as:

Product	:	**Disposable protective mask**
Report No.	:	**KZ2020372**
Client	:	**WENZHOU JUNYUE BAG MAKING CO.,LTD**
Model(s)	:	**JY-2018-1**
Number of samples	:	**100**
Received date	:	**2020.06.19**
Date(s) of tests	:	**2020.06.19-2020.07.03**

DESCRIPTION OF SAMPLES

General information	**Classification**	**Main components**
	FFP2	White folding mask
Manufacturer	WENZHOU JUNYUE BAG MAKING CO.,LTD	
Manufacturer address	Building 5, Yellow River industrial park, no. 4699 century avenue, longgang city, wenzhou city, zhejiang province	

Approve: 傅科杰 Fu Kejie
Authorized Signatory, Lab Director

Reviewer: 傅丹华 Fu Danhua

Chief Tester: 冯云 Feng Yun

Issued: 2020.07.03

Test Report No.KZ2020372

Conditions:

The test results presented in this report relate to the samples tested only.

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The authenticity of this test report and its contents can be verified by contacting the laboratory.

Conclusion

Test Items

Clause 7.3	Visual inspection	Not tested
Clause 7.4	Package	Pass
Clause 7.5	Material	Pass
Clause 7.6	Cleaning and disinfecting	N/A
Clause 7.7	Practical performance	Pass
Clause 7.8	Finish of parts	Pass
Clause 7.9.1	Total inward leakage	Pass
Clause 7.9.2	Penetration of filter material	Pass
Clause 7.10	Compatibility with skin	Pass
Clause 7.11	Flammability	Pass
Clause 7.12	Carbon dioxide content of the inhalation air	Pass
Clause 7.13	Head harness	Pass
Clause 7.14	Field of vision	Pass
Clause 7.15	Exhalation valve	N/A
Clause 7.16	Breathing resistance	Pass
Clause 7.17	Clogging	N/A
Clause 7. 18	Demountable parts	Pass
Clause 9	Marking	Not tested

Remarks: Pass = Meet EN 149:2001+A1:2009 FFP2 Requirement
Fail = Below EN 149:2001+A1:2009 FFP2 Requirement
N/A = Not Applicable

Disclaimer Measurement Uncertainty:
Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements.
By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

Test Report No.KZ2020372

Test Results

7.3 Visual inspection **Not tested[1]**

The visual inspection shall include the marking and the information supplied by the manufacturer.

Note l: As requested by the client, marking and information supplied by the manufacturer was not inspected

7.4 Package **Pass[2]**

Particle filtering half masks shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use.

Note 2: In accordance with the requirement.

7.5 Material **Pass[3]**

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.

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.

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

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

Note 3: In accordance with the requirement.

Samples 01, 02, 03 were conditioned in accordance with 8.3.1, None of the samples conditioned suffered mechanical failure or collapse.

Samples 04, 05, 06 were conditioned in accordance with 8.3.2 None of the specimens conditioned suffered collapse.

7.6 Cleaning and disinfecting **N/A[4]**

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.

Note 4: Single shift use only.

7.7 Practical performance **Pass[5]**

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

Note 5: No imperfections.

Samples: 07, 08, subject details: BDN, FQQ.

7.8 Finish of parts **Pass[6]**

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

Note 6: No sharp edges or burrs.

7.9.1 Total inward leakage **Pass[7]**

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

25% for FFPI, 11% for FFP2, 5% for FFP3

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

Note 7: FFP2 respirator. Test results are shown in Annex A Table 7.9.1-A&B.

Test Report No.KZ2020372

7.9.2 Penetration of filter material **Pass[8]**

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

	Sodium chloride test 95 L/min	Paraffin oil test 95 L/min
FFP1	⩽20%	⩽20%
FFP2	⩽6%	⩽6%
FFP3	⩽1%	⩽1%

Note 8: FFP2 respirator. Test results are shown in Annex A Table 7.9.2.

7.10 Compatibility with skin **Pass[9]**

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.

Note 9: Samples from 37 to 41 (A.R.) and from 56 to 60 (T.C.) were tested. No irritation or any other adverse effect to health.

7.11 Flammability **Pass[10]**

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

Note l0: Test results are shown in Annex A Table 7.11.

7.12 Carbon dioxide content of the inhalation air **Pass[11]**

The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1.0 % (by volume).

Note 11:Test results are shown in Annex A Table 7.12.

7.13 Head harness **Pass[12]**

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 total inward leakage requirements for the device.

Note 12: Samples from 49 to 53 (A.R.) and from 61 to 65 (T.C.) were tested. Head harness can be donned and removed easily, adjustable or self-adjusting and have sufficiently robust to hold the particle filtering half mask firmly.

7.14 Field of vision **Pass[13]**

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

Note 13: Samples from 54 to 55 (A.R.) were tested. Pass the practical performance tests and no adverse comments.

7.15 Exhalation valve **N/A[14]**

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.

Note 14: No exhalation valve.

Test Report No.KZ2020372

7.16 Breathing resistance **Pass**[15]

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

Note 15：FFP2 respirator. Test results are shown in Annex A Table 7.16.

7.17 Clogging **N/A**[16]

7.17.2 Breathing resistance

7.17.2.1Valved particle filtering half masks

After clogging the inhalation resistances shall not exceed
FFP1:4mbar, FFP2:5mbar, FFP3:7mbar at 95 L/min continuous flow;
The exhalation resistance shall not exceed 3mbar at 160 L/min continuous flow.

7.17.2.2 Valveless particle filtering half masks

After clogging the inhalation and exhalation resistances shall not exceed
FFP1:3mbar, FFP2:4mbar, FFP3:5mbar at 95 L/min continuous flow.

7.17. 3 Penetration of filter material

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

Note l6：Single shift use only.

7. 18 Demountable parts **Pass** [17]

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

Test Report No.KZ2020372

9 Marking **Not tested**[18]

9.1 Packaging

The following information shall be clearly and durably marked on the smallest commercially available packaging or legible through it if the packaging is transparent.

9.1.1 The name, trademark or other means of identification of the manufacturer or supplier.

9.1.2 Type-identifying marking.

9.1.3 Classification

The appropriate class(FFP 1, FFP2orFFP 3) followed by a single space and then:"NR" if the particle filtering half mask is limited to single shift use only. Example:FFP3NR, or "R" if the particle filtering half mask is re-usable.

Example：FFP2 R D.

9.1.4 The number and year of publication of this European Standard.

9.1.5 At least the year of end of shelf life. The end of shelf life maybe informed by a pictogram as shown in Figure12a, where yyyy/mm indicates the year and month.

9.1.6 The sentence ' see information supplied by the manufacturer ', at least in the official language(s) of the country of destination, or by using the pictogram as shown in Figure 12b.

9.1.7 The manufacturer's recommended conditions of storage (at least the temperature and humidity) or equivalent pictogram, as shown in Figures 12c and 12d.

9.1.8 The packaging of those particle filtering half masks passing the dolomite clogging test shall be additionally marked with the letter "D" .This letter shall follow the classification marking preceded by a single space.

9.2 Particle filtering half mask

Particle filtering half masks complying with this European Standard shall be clearly and durably marked with the following:

9.2.1 The name, trademark or other means of identification of the manufacturer or supplier.

9.2.2 Type-identifying marking.

9.2.3 The number and year of publication of this European Standard.

9.2.4 Classification

The appropriate class (FFP1,FFP2 or FFP3) followed by a single space and then:"NR" if the particle filtering half mask is limited to single shift use only, Example: FFP3 NR, or "R" if the particle filtering half mask is re-usable.

Example:FFP2 R D.

9.2.5 If appropriate the letter D (dolomite) in accordance with clogging performance. This letter shall follow the classification marking preceded by a single space (see 9.2.4).

Examples FFP3 NR D, FFP2 R D

9.2.6 Sub-assemblies and components with considerable bearing on safety shall be marked so that they can be identified.

End of Test Results

Test Report No.KZ2020372

Annex A: Summarization of Test Data

Table 7.9.1-A Inward leakage test data

Test specification: EN 149:2001+A1:2009 Clause 8.5

Subject	Sample No.	Condition	Walk（%）	Head side/ side（%）	Head up/down（%）	Talk（%）	Walk（%）	Mean（%）
SYY	09	A.R	2.72	2.00	1.67	2.13	1.92	2.09
ZC	10	A.R	0.858	0.646	1.34	4.20	1.02	1.61
WW	11	A.R	6.00	8.31	5.96	10.8	6.59	7.54
TYM	12	A.R	4.25	1.37	2.03	5.73	2.39	3.15
LDK	13	A.R	1.07	8.64	19.7	4.09	0.472	6.78
KYB	14	T.C	12.6	4.12	6.05	6.27	3.49	6.50
SRY	15	T.C	4.31	3.17	5.19	6.11	1.25	4.01
ZCM	16	T.C	1.09	2.15	4.87	4.91	2.01	3.01
FQQ	17	T.C	3.19	4.21	5.15	6.11	1.09	3.95
CC	18	T.C	8.11	9.56	8.24	6.02	3.15	7.02
48 out of the 50 individual exercise results ≤ 11 % 10 out of the 10 individual arithmetic means ≤ 8 %					Pass			

Table 7.9.1-B Facial dimension

Subject	Face Length (mm)	Face Width (mm)	Face Depth (mm)	Mouth Width (mm)
SYY	106	132	104	55
ZC	105	121	115	47
WW	102	133	106	49
TYM	95	140	114	53
LDK	118	123	113	58
KYB	120	137	115	60
SRY	105	133	95	48
ZCM	96	120	74	42
FQQ	98	121	100	42
CC	135	150	138	55

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Table 7.9.2 Penetration of filter material

Test specification: EN 149:2001+A1:2009 Clause 8.11

Aerosol	Condition	Sample No.	Penetration (%)	Assessment
Sodium chloride test	As received	19	2.07	Pass
		20	1.85	
		21	2.19	
	Simulated wearing treatment	22	2.06	
		23	1.99	
		24	1.94	
	Mechanical strength + Temperature conditioned	25	2.10	
		26	2.13	
		27	2.06	
Paraffin oil test	As received	28	1.82	
		29	1.89	
		30	1.96	
	Simulated wearing treatment	31	2.00	
		32	1.96	
		33	2.13	
	Mechanical strength + Temperature conditioned	34	1.95	
		35	2.04	
		36	1.98	
Flow conditioning: single filter: 95.0 L/min				

Table 7.11 Flammability

Test specification: EN 149:2001+A1:2009Clause 8.6

Condition	Sample No.	Result	Assessment
As received	42	DNI	Pass
	43	DNI	
Temperature conditioned	44	DNI	
	45	DNI	

Remark: DNI=Did not ignite

Test Report No.KZ2020372

Table 7.12 Carbon dioxide content of the inhalation air

Test specification: EN 149:2001+A1:2009 Clause 8.7

Condition	Sample No.	Result	Assessment
As received	46	0.47 %	Pass
	47	0.46 %	
	48	0.48 %	

Table 7.16 Breathing resistance (mbar)

Test specification: EN 149:2001+A1:2009 Clause 8.9

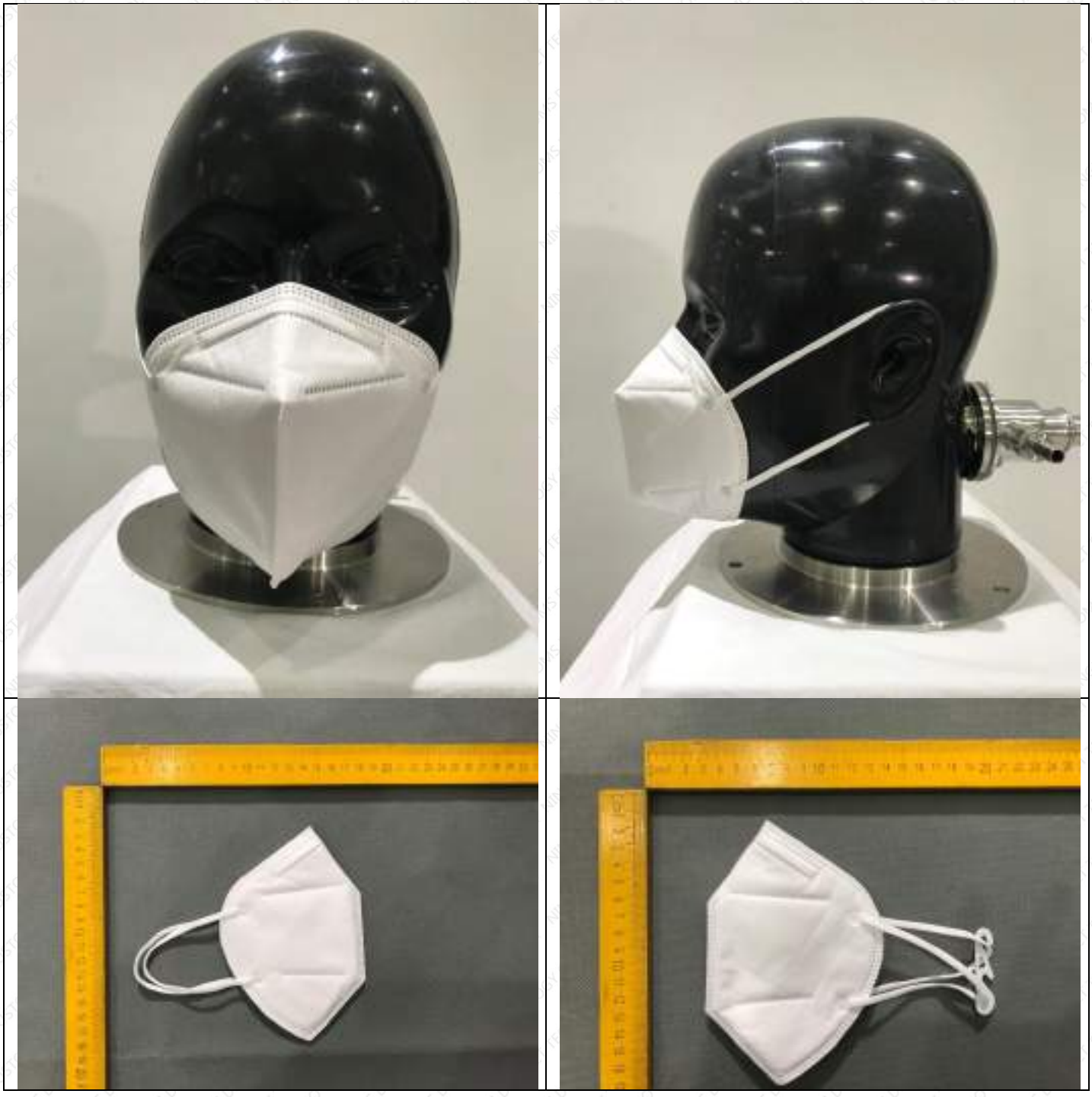
	Flow rate		66					67					68				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
As received	Inhalation	30 L/min	0.61	0.60	0.48	0.53	0.55	0.35	0.50	0.43	0.54	0.45	0.21	0.42	0.44	0.48	0.57
		95 L/min	2.00	2.18	2.28	2.01	1.99	1.71	1.90	2.14	1.50	1.45	1.58	2.32	2.30	2.13	2.12
	Exhalation	160 L/min	2.47	2.40	2.59	2.43	2.41	1.86	2.09	2.07	2.68	2.17	1.60	2.17	2.70	2.51	2.77
	Flow rate		69					70					71				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
Simulated wearing treatment	Inhalation	30 L/min	0.54	0.55	0.46	0.49	0.47	0.47	0.47	0.48	0.47	0.49	0.41	0.52	0.56	0.40	0.44
		95 L/min	1.87	1.72	1.81	1.81	1.92	1.78	1.66	1.65	1.90	1.91	1.83	1.70	1.72	1.88	1.87
	Exhalation	160 L/min	2.54	2.41	2.38	2.55	2.33	2.33	2.15	2.17	2.56	2.41	2.41	2.20	2.30	2.48	2.30
	Flow rate		72					73					74				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
Temperature conditioned	Inhalation	30 L/min	0.44	0.52	0.44	0.49	0.44	0.49	0.37	0.45	0.46	0.43	0.51	0.49	0.48	0.45	0.44
		95 L/min	1.91	1.68	1.71	1.86	1.85	1.80	1.56	1.65	1.95	1.87	1.82	1.61	1.81	1.98	1.99
	Exhalation	160 L/min	2.62	2.36	2.44	2.61	2.13	2.27	2.05	2.12	2.51	2.42	2.35	2.17	2.25	2.19	2.25
Assessment	Pass																

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

End of Annex A

Test Report No.KZ2020372

Annex B: Photos of sample



End of Annex B

EUIPO
EUROPEAN UNION
INTELLECTUAL PROPERTY OFFICE

Registered / Enregistré 17/11/2020

No 018279083

EUROPEAN UNION INTELLECTUAL PROPERTY OFFICE

CERTIFICATE OF REGISTRATION

This Certificate of Registration is hereby issued for the European Union trade mark identified below. The corresponding entries have been recorded in the Register of European Union trade marks.

OFFICE DE L'UNION EUROPÉENNE POUR LA PROPRIÉTÉ INTELLECTUELLE

CERTIFICAT D'ENREGISTREMENT

Le présent Certificat d'Enregistrement est délivré pour la marque de l'Union européenne identifiée ci-joint. Les mentions et les renseignements qui s'y rapportent ont été inscrits au Registre des Marques de l'Union Européenne.

君越
JUNYUE

The Executive Director / Le Directeur exécutif

Christian Archambeau

www.euipo.europa.eu

(210) 018279083
(220) 29/07/2020
(400) 07/08/2020

(151) 17/11/2020
(450) 19/11/2020

(186) 29/07/2030
(541) JUNYUE
(521) 0
(546)

君越
JUNYUE

(531) 28.3.00
(732) Wenzhou Junyue Zhidai Co., Ltd.
No.401 4/F, No.501 5/F, Bldg 5, Huanghe Industrial Park,
Longgang City
325000 Wenzhou, Zhejiang
CN
(740) Nowicki, Sławomir Krzysztof
Podczachy 27
99-300 Kutno
PL
(270) EN FR
(511) BG - 10
Санитарни маски за предпазване от прах за медицински цели; Санитарни маски за изолиране от прах за медицински цели; Санитарни маски за медицински цели; Маски за лице за медицинска употреба.

ES - 10
Mascarillas sanitarias para prevenir el polvo con fines médicos; Mascarillas sanitarias para aislar del polvo con fines médicos; Mascarillas sanitarias para uso médico; Máscaras faciales para uso médico.

CS - 10
Hygienické masky na ochranu před prachem pro lékařské účely; Hygienické masky na ochranu před prachem pro lékařské účely; Hygienické masky pro lékařské účely; Roušky k lékařskému použití.

DA - 10
Sanitære masker til beskyttelse mod støv til medicinske formål; Sanitære støvisoleringsmasker til medicinske formål; Sanitære masker til medicinske formål; Ansigtsmasker til medicinske formål.

DE - 10
Hygienemasken zum Schutz vor Staub für medizinische Zwecke; Hygienemasken zur Staubabsonderung für medizinische Zwecke; Mundschutz für medizinische Zwecke; Gesichtsmasken für medizinische Zwecke.

ET - 10
Tolmumaskid meditsiinis kasutamiseks; Meditsiinilised tolmukaitsemaskid hügieenivahendina; Meditsiinilised hügieenilised maskid; Meditsiinilised näomaskid.

EL - 10
Μάσκες υγιεινής για παρεμπόδιση της σκόνης για ιατρική χρήση· Μάσκες υγιεινής για την απομόνωση της σκόνης προοριζόμενες για ιατρική χρήση· Μάσκες υγιεινής για ιατρική χρήση· Μάσκες προσώπου για ιατρική χρήση.

EN - 10
Sanitary masks for dust prevention for medical purposes; Sanitary masks for dust isolation for medical purposes; Sanitary masks for medical purposes; Face masks for medical use.

FR - 10
Masques hygiéniques antipoussières à usage médical; Masques hygiéniques de protection contre la poussière à usage médical; Masques d'hygiène à usage médical; Masques pour le visage à usage médical.

IT - 10
Maschere igieniche per la protezione dalla polvere per uso medico; Maschere igieniche per l'isolamento delle polveri, per uso medico; Maschere igieniche per uso medico; Maschere per il viso per uso medico.

LV - 10
Sanitārās maskas aizsardzībai pret putekļiem medicīniskiem nolūkiem; Sanitārās maskas putekļu izolācijai medicīniskiem nolūkiem; Sanitārās maskas medicīniskiem nolūkiem; Sejas maskas medicīniskām vajadzībām.

LT - 10
Higieninės nuo dulkių apsaugančios kaukės (medicinos reikmėms); Higieninės kaukės nuo dulkių (medicinos reikmėms); Higieninės kaukės (medicinos reikmėms); Veido kaukės medicinos reikmėms.

HR - 10
Sanitarne maske za sprečavanje udisanja prašine za medicinske potrebe; Sanitarne maske za izolaciju prašine za medicinske potrebe; Sanitarne maske za medicinske svrhe; Maske za lice za medicinsku uporabu.

HU - 10
Egészségügyi maszkok por elleni védelemre, orvosi célokra; Egészségügyi maszkok porizolációhoz gyógyászati célokra; Gyógyászati célú egészségügyi maszkok; Arcmaszkok gyógyászati használatra.

MT - 10
Maskri sanitarji għall-prevenzjoni mit-trab għal skopijiet mediċi; Maskri sanitarji għall-iżolament tat-trab għal skopijiet mediċi; Maskri sanitarji għal skopijiet mediċi; Maskri tal-wiċċ għall-użu mediku.

NL - 10
Hygiënische maskers voor stofpreventie voor medische doeleinden; Hygiënische maskers voor stofisolatie voor medische doeleinden; Hygiënische maskers voor medisch gebruik; Gezichtsmaskers voor medisch gebruik.

PL - 10
Maski sanitarne stosowane w celu ochrony przed kurzem do celów medycznych; Maski higieniczne do osłony przed pyłem do celów medycznych; Maski sanitarne do celów medycznych; Maski na twarz do użytku medycznego.

PT - 10
Máscaras higiénicas para prevenção de pó para uso médico; Máscaras higiénicas de proteção contra pós para uso médico; Máscaras higiénicas para uso médico; Máscaras faciais para uso médico.

RO - 10
Măști sanitare pentru prevenirea prafului, de uz medical; Măști sanitare de uz medical pentru izolarea prafului; Măşti sanitare de uz medical; Măști medicale.

SK - 10

Sanitárne masky na ochranu pred prachom na lekárske účely; Hygienické masky na ochranu pred prachom na lekárske účely; Sanitárne masky na lekárske účely; Masky na tvár na lekárske účely.

SL - 10

Higienske maske za zaščito pred prahom za medicinske namene; Higienske maske za zaščito pred prahom za medicinske namene; Higienske maske za medicinske namene; Obrazne maske za medicinsko uporabo.

FI - 10

Hygieniamaskit pölyltä suojautumiseen lääketieteellisiin tarkoituksiin; Saniteettimaskit pölyn eristämiseen lääkinnällisiin tarkoituksiin; Saniteettinaamarit lääketieteellisiin tarkoituksiin; Kasvonaamarit lääketieteelliseen käyttöön.

SV - 10

Sanitära ansiktsmasker för skydd mot damm, för medicinska ändamål; Sanitära ansiktsmasker för dammisolering, för medicinska ändamål; Sanitetsmasker för medicinska ändamål; Ansiktsmasker för medicinskt bruk.

温州君越制袋有限公司

WENZHOU JUNYUE BAG PACKING CO.,LTD

目录/Contents

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君越企业简介

温州君越

企业名称

温州君越制袋有限公司
WENZHOU JUNYUE BAG PACKING CO.,LTD

工厂地址

浙江省温州市龙港市世纪大道4699号黄河产业园5幢
Building 5,Yellow River industrial park, no.4699 Centuryavenue, longgang city, wenzhou city; zhejiang province

联系方式

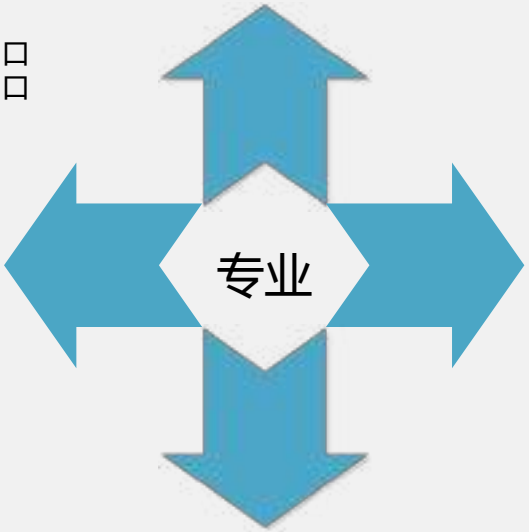
电话:0577-68060788
TEL: 0577-68060788

企业简介

公司成立于2018年,生产面积8000平方米，是一家以民用一次性平面防护口罩、一次性医用外科口罩、KN95、FFP2、FFP3、一次性医用口罩等系列口罩生产为主导的企业。

公司现拥有1000余人，20余条新建工业生产线。

工厂年产量达9亿只



02

各项认证

CE认证

FFP2证书


UNIVERSAL
EU TYPE EXAMINATION CERTIFICATE
EN 149:2001 + A1:2009 Respiratory Protective Devices -
Filtering Half Masks to Protect Against Particles -
Requirements, Testing, Marking


UNIVERSAL


UNIVERSAL

CE认证

FFP2证书

CE认证

FFP2证书

CE认证

FFP3证书

UNIVERSAL

UNIVERSAL
CERTIFICATION
NB 2163

CERTIFICATE OF CONFORMANCE

Certificate No: 2163-PPE-227701

Wenzhou Junyue Bag Making Co., Ltd.

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

Product Definition

Model	Class	EC-Type Examination Certificate		
		Issued By	Date	Certificate No.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

- [illegible]
- [illegible]

CE
2163

中国出口白名单企业：

- 598：温州君越制袋有限公司
- Wenzhou Junyue Bag Making Co.,Ltd

03 检测报告

GB2626-2006

检测报告

检验检测报告

Test Report

报告编号: [2020] WSZ FHL NO.7015

产品名称 _____

委托单位 _____

生产单位 _____

检验检测类别 _____

江苏国检检测技术有限公司

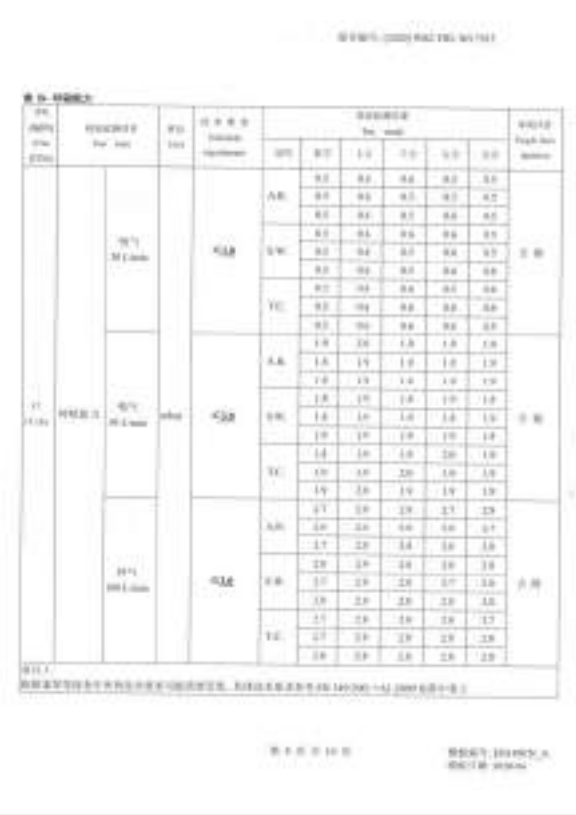
检验检测报告

Test Report

检测报告

检测报告

检测报告



检测报告

检测报告

Ningbo Customs District Technology Center

TEST REPORT

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

The following samples were submitted and identified on behalf of the client as:

Product	:	Disposable protective mask
Report No.	:	KJ2020389
Client	:	WENZHOU JUNYUE BAG MAKING CO.,LTD
Model(s)	:	JY-2018-2
Number of samples	:	100
Received date	:	2020.06.19
Date(s) of tests	:	2020.06.19-2020.07.03

DESCRIPTION OF SAMPLES

	Classification	Main components
General information	FFP2	White filtering mask
Manufacturer	WENZHOU JUNYUE BAG MAKING CO.,LTD	
Manufacturer address	Building 3, Yufeng Wenxin industrial park, no. 4699 nanxiang avenue, hengjiang city, wenzhou city, zhejiang province	

Approve: Pu Kejie (Authorised Signatory: Lab Director)

Reviewer: Fu Dezhan

Chief Tester: Tang Yun

Issued: 2020.07.03

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Test Report No.KJ2020389

Conclusion

Test Items		
Clause 5.1	Visual inspection	Not tested
Clause 5.2	Harmless	Pass
Clause 5.3	Materials	Pass
Clause 5.4	Cleaning and disinfecting	N/A
Clause 5.5	Practical performance	Pass
Clause 5.6	Design of parts	Pass
Clause 5.6.1	Total inward leakage	Pass
Clause 5.6.2	Penetration of filter material	Pass
Clause 5.6.3	Compatibility with skin	Pass
Clause 5.7.1	Flammability	Pass
Clause 5.7.2	Carbon dioxide content of the inhalation air	Pass
Clause 5.7.3	Head harness	Pass
Clause 5.8.1	Field of vision	Pass
Clause 5.8.2	Exhalation valve	N/A
Clause 5.9.1	Breathing resistance	Pass
Clause 5.9.2	Clogging	N/A
Clause 5.10	Operational gaps	Pass
Clause 6	Marking	Not tested

Remarks:

Pass = Meet EN 149:2001+A1:2009 FFP2 Requirement
Fail = Below EN 149:2001+A1:2009 FFP2 Requirement
N/A = Not Applicable

检测报告

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Test Report No.KZ2020330

Test Details

7.1 Visual inspection — Not tested[1]

The visual inspection shall include the marking and the information supplied by the manufacturer.

Note 1: As requested by the client, marking and information supplied by the manufacturer was not inspected.

7.2 Package — Pass[1]

Particle filtering half masks shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use.

Note 2: In accordance with the requirements.

7.3 Material — Pass[1]

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

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.

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

When conditioned in accordance with 8.3.1.1 and 8.3.2 the particle filtering half mask shall not collapse.

Note 3: In accordance with the requirements.

Samples 01, 02, 03 were conditioned in accordance with 8.3.1. None of the samples conditioned suffered mechanical failure or collapse.

Samples 04, 05, 06 were conditioned in accordance with 8.3.2 None of the specimens conditioned collapsed.

7.4 Cleaning and disinfecting — N/A[1]

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

Note 4: Single shift use only.

7.7 Practical performance — Pass[1]

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

Note 5: No impurities/dust.

Samples: 07, 08, subject details: SDN, FQG.

7.8 Finish of parts — Pass[1]

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

Note 6: No sharp edges or burrs.

7.9.1 Total inward leakage — Fail[1]

For particle filtering half masks fitted in accordance with the manufacturer's instructions, at least 46 out of the 50 individual exercise results (i.e. 11 subjects x 5 exercises) for total inward leakage shall be not greater than:

25% for FFP1, 11% for FFP2, 9% for FFP3

and, in addition, at least 4 out of the 5 individual results (minimum means for the total inward leakage shall be not greater than

25% for FFP1, 8% for FFP2, 2% for FFP3

Note 7: FFP2 respirator. Test results are shown in Annex A Table 7.9.1-Add1.

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Test Report No.KZ2020330

7.9.3 Penetration of filter material — Pass[1]

The penetration of the filter of the particle filtering half mask shall meet the following requirements:

	Sodium chloride test, %, max	Paraffin oil test, %, max
FFP1	20%	20%
FFP2	6%	6%
FFP3	1%	1%

Note 8: FFP2 respirator. Test results are shown in Annex A Table 7.9.3.

7.10 Compatibility with skin — Pass[1]

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 on health.

Note 9: Samples from 47 to 48 (A,B,) and from 56 to 60 (E,) were tested. No irritation or any other adverse effect on health.

7.11 Flammability — Pass[1]

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

Note 10: Test results are shown in Annex A Table 7.11.

7.12 Carbon dioxide content of the inhalation air — Pass[1]

The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1.0 % (by volume).

Note 11: Test results are shown in Annex A Table 7.12

7.13 Head harness — Pass[1]

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 total inward leakage requirements for this device.

Note 12: Samples from 49 to 50 (A,B,) and from 61 to 65 (E,) were tested. Head harness can be donned and removed easily, adjustable or self-adjusting and were sufficiently robust to hold the particle filtering half mask firmly.

7.14 Field of vision — Pass[1]

The field of vision is acceptable if determined via represented performance tests.

Note 13: Samples from 56 to 95 (A-E,) were tested. Pass the practical performance tests and no adverse comments.

7.15 Exhalation valve — N/A[1]

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

If an exhalation valve is provided it shall be protected against or be resistant to dirt and mechanical damage and may be concealed or may include any cover device that may be necessary for this purpose. Filtering half mask to comply with 7.16.

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 mounted on the facepiece, it shall withstand axially a tensile force of 10 N applied for 10 s.

Note 14: No exhalation valve.

检测报告

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7.6 Breathing resistance Pass

Classification	Max mean 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

Note 1b: FFP2 respirators. Test results are shown in Annex A Table 7.16.

7.07 Clogging N/A

7.07.2 Breathing resistance

7.07.2.1 Valved particle filtering half masks

After clogging the inhalation resistance shall not exceed:

FFP1 mbar, FFP2 mbar, FFP3 mbar at 95 L/min continuous flow.

The exhalation resistance shall not exceed .0mbar at 160 L/min continuous flow.

7.07.2.2 Valveless particle filtering half masks

After clogging the inhalation and exhalation resistances shall not exceed:

FFP1 .0mbar, FFP2 .0mbar, FFP3 .0mbar at 95 L/min continuous flow.

7.07.3 Penetration of filter material

	Sodium chloride test 95 L/min	Paraffin oil test 95 L/min
FFP1	1.29%	1.29%
FFP2	1.07%	1.07%
FFP3	0.1%	0.1%

Note 4a Single shift use only.

7.10 Demountable parts Pass

All demountable parts (if fitted) shall be readily connected and securely when possible by hand.

Note10. No demountable parts.

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Test Report No.KZ2020388

9 Marking Not tested

9.1 Packaging

The following information shall be clearly and durably marked on the smallest commercially available packaging or legible through it if the packaging is transparent.

9.1.1 The name, trademark or other means of identification of the manufacturer or supplier.

9.1.2 Type-identifying marking.

9.1.3 Classification

The appropriate class(FFP1, FFP2 or FFP3) followed by a single space and then "NR" if the particle filtering half mask is limited to single shift use only. Example: FFP1NR, or "R" if the particle filtering half mask is re-usable.

Example: FFP3 R

9.1.4 The number and year of publication of this European Standard.

9.1.5 At least the year of end of shelf life. The end of shelf life may be followed by a pictogram as shown in Figure 1a, where yyyy-mm indicates the year and month.

9.1.6 The minimum and maximum storage temperatures supplied by the manufacturer (...) at least in the official language(s) of the country of destination or by using the pictograms as shown in Figure 12b.

9.1.7 The manufacturer's recommended conditions of storage (at least the temperature and humidity) or equivalent pictograms as shown in Figures 12c and 12d.

9.1.8 The packaging of filtering particle filtering half masks passing the dolomite clogging test shall be additionally marked with the letter "D". This letter shall follow the classification marking provided by a single space.

9.2 Particle filtering half masks

Particle filtering half masks complying with this European Standard shall be clearly and durably marked with the following.

9.2.1 The name, trademark or other means of identification of the manufacturer or supplier.

9.2.2 Type-identifying marking.

9.2.3 The number and year of publication of this European Standard.

9.2.4 Classification

The appropriate class (FFP1, FFP2 or FFP3) followed by a single space and then "NR" if the particle filtering half mask is limited to single shift use only. Example: FFP1 NR, or "R" if the particle filtering half mask is re-usable.

Example FFP2 R D

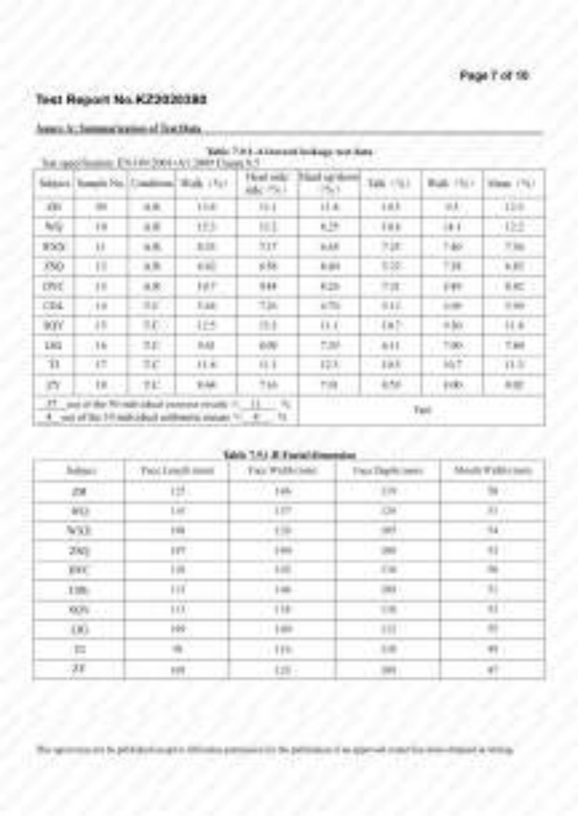
9.2.5 If appropriate the letter D (dolomite) in accordance with clogging performance. This letter shall follow the classification marking provided by a single space (see 9.2.4).

Examples: FFP1 NR D, FFP2 R D

9.2.6 Sub-assemblies and components with considerable bearing on safety shall be marked on the they can be identified.

End of Test Results

检测报告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检测报告

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Test Report No.KZ2028330

Condition	Sample No.	Result	Assessment
As received	40	0.72%	Pass
	41	0.59%	
	42	0.68%	

Test specification: EN 149:2001+A1:2009 Clause 8.13																					
	Flow rate		S1				S2				S3				Ref						
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E				
As received	Inhalation	95 L/min																			
		30 L/min																			
	Exhalation	160 L/min																			
Simulated wearing treatment	Flow rate		S1				S2				S3				Ref						
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E				
	Inhalation	95 L/min																			
		30 L/min																			
	Exhalation	160 L/min																			
Temperature conditioned	Flow rate		S1				S2				S3				Ref						
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E				
	Inhalation	95 L/min																			
		30 L/min																			
	Exhalation	160 L/min																			
Assessment	Pass																				

End of Annex B

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Test Report No.KZ2028330

Annex B: Photo of sample

End of Annex B

检测报告

浙江省轻工业品质量检验研究院
国家纺织服装产品质量监督检验中心（浙江）

检验报告

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声明

DECLARATION

检测报告

SGS

Test Report: SL2020451214TRF1TX Date:November 17,2020 Page 1 of 10

WENZHOU JUNYUE BAG MAKING CO.,LTD

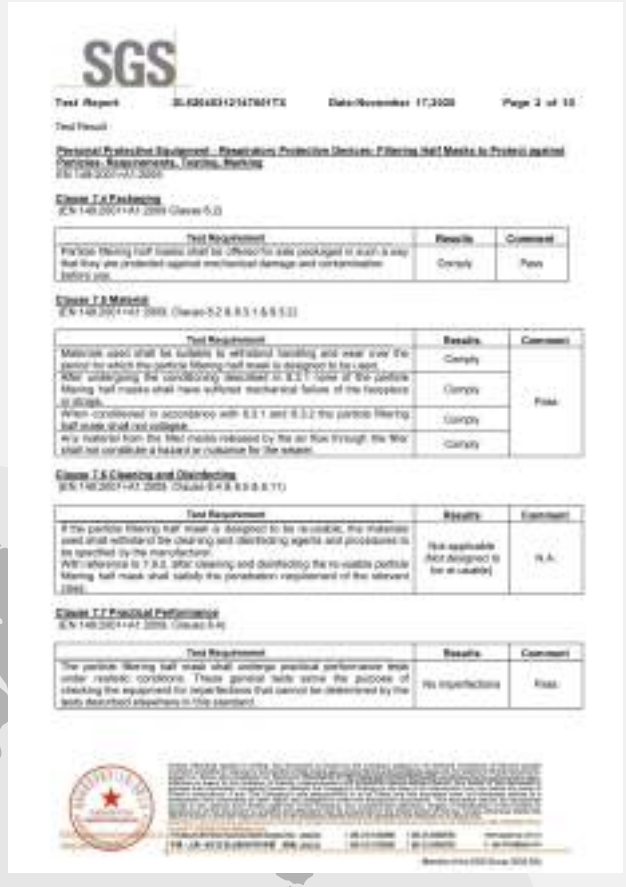
Test Performed: Selected test(s) as requested by applicant

Test Result(s): Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. For further details, please refer to the following page(s).

Sample No.	Recommendation Level
1#	FFP2 NR

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd Testing Center

Sara Gao (Account Executive)



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Test Report: SL2020451214TRF1TX Date:November 17,2020 Page 2 of 10

Test Result:

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

Clause 7.4 Packaging
(EN 149:2001+A1:2009 Clause 6.2)

Test Requirement	Results	Comment
Particle filtering half masks shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use.	Comply	Pass

Clause 7.5 Material
(EN 149:2001+A1:2009 Clause 5.2 & 5.3.1 & 5.3.2)

Test Requirement	Results	Comment
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.	Comply	Pass
After undergoing the conditioning described in 8.3.1 none of the particle filtering half masks shall have suffered mechanical failure of the headband or straps.	Comply	
When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask shall not collapse.	Comply	
Any material from the filter media released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer.	Comply	

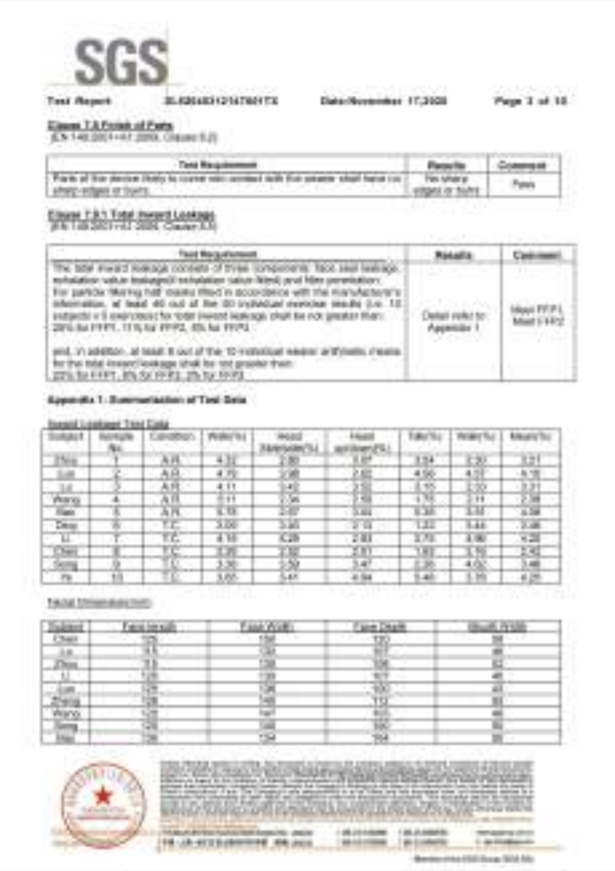
Clause 7.6 Cleaning and Disinfecting
(EN 149:2001+A1:2009, Clause 6.4 & 6.5 & 6.11)

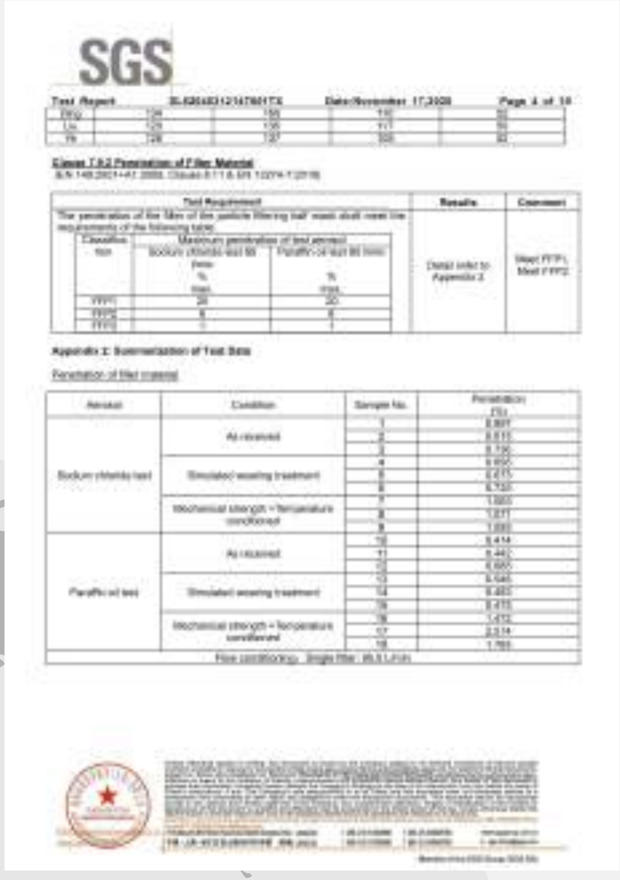
Test Requirement	Results	Comment
If the particle filtering half mask is designed to be re-usable, the materials used shall withstand the cleaning and disinfecting agents and procedures as be specified by the manufacturer. After reference to 7.9.3, after cleaning and disinfecting the re-usable particle filtering half mask shall satisfy the penetration requirement of the relevant class.	Not applicable (Not designed to be re-usable)	N.A.

Clause 7.7 Practical Performance
(EN 149:2001+A1:2009, Clause 6.4)

Test Requirement	Results	Comment
The particle filtering half mask shall undergo practical performance tests under realistic conditions. These general tests serve the purpose of checking the equipment for those features that cannot be determined by the tests described elsewhere in this standard.	No imperfections	Pass

检测报告


Test Report
Test Requirement
Results
Comment
Pass


Test Report
Test Requirement
Results
Comment

检测报告

SGS

Test Report [illegible] Date/November 17,2020 Page 8 of 10

Clause 7.10 Compatibility with Skin

(EN 149:2001+A1:2009, Clause 8.2 & 8.6)

Test Requirement	Results	Comment
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.	No irritation or any other adverse effect to health	Pass

Clause 7.11 Flammability

(EN 149:2001+A1:2009, Clause 8.8)

Test Requirement	Results	Comment
The material used shall not present a danger for the wearer and shall not be of highly flammable nature 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.	Detail refer to Appendix 3	Pass

Appendix 3: Summarization of Test Data

Flammability

Condition	Sample No.	Result
As received	1	NO
	2	NO
Temperature conditioned	3	NO
	4	NO

Clause 7.12 Carbon Dioxide Content of The Inhalation Air

(EN 149:2001+A1:2009, Clause 8.7)

Test Requirement	Results	Comment
The carbon dioxide content of the inhalation air stream shall not exceed an average of 1.0 % (by volume)	Detail refer to Appendix 4	Pass

Appendix 4: Summarization of Test Data

Carbon Dioxide Content of The Inhalation Air

Condition	Sample No.	Result(%)	
As received	1	0.4152	Mean value:0.41
	2	0.4113	
	3	0.4139	

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Test Report [illegible] Date/November 17,2020 Page 9 of 10

Clause 7.13 Head Harness

(EN 149:2001+A1:2009, Clause 8.4 & 8.5)

Test Requirement	Results	Comment
The head harness shall be designed so that the particle filtering half mask can be donned and removed easily.	Comply	Pass
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 total inward leakage requirements for the device.	Comply	

Clause 7.14 Field of Vision

(EN 149:2001+A1:2009, Clause 8.4)

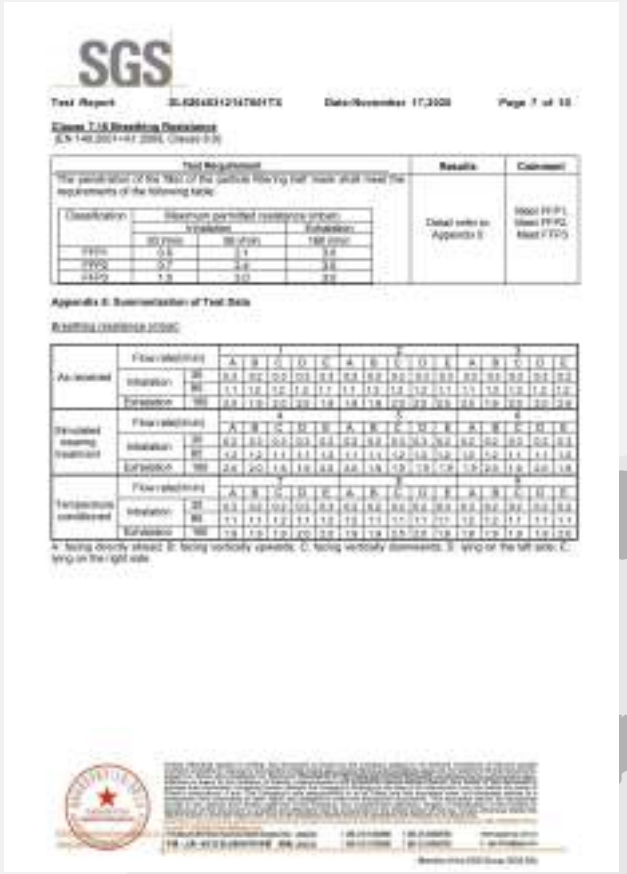
Test Requirement	Results	Comment
The field of vision is acceptable if determined as in practical performance tests	Comply	Pass

Clause 7.15 Exhalation Valve(s)

(EN 149:2001+A1:2009, Clause 8.2.6, 8.8.1 & 8.3.4 & 8.8)

Test Requirement	Results	Comment
(a) A particle filtering half mask may have one or more exhalation valve(s) which shall function correctly in all orientations	Not applicable due to No exhalation valve	N.A.
(b) If an exhalation valve is provided it shall be protected against or be resistant to dirt and mechanical damage and may be simulated or may include any other device that may be necessary for the particle filtering half mask to comply with 7.9.	Not applicable due to No exhalation valve	
(c) 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.	Not applicable due to No exhalation valve	
(d) When the exhalation valve housing is attached to the facepiece, it shall withstand axially a tensile force of 10N applied for 10 s.	Not applicable due to No exhalation valve	

检测报告



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Clause 7.14 Breathing Resistance

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

Test Requirement	Results	Comment
The penetration of the filter of the particle filtering half mask shall meet the requirements of the following table:	Detail refer to Appendix II	Meet FFP1 Meet FFP2 Meet FFP3

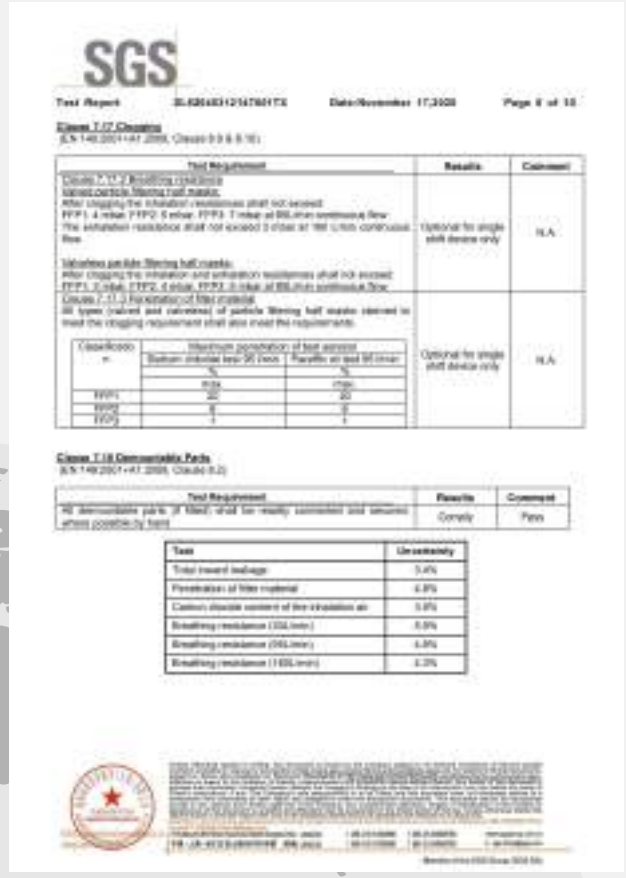
Classification	Maximum permitted resistance (mbar)		
	Inhalation		Exhalation
	30 l/min	95 l/min	160 l/min
FFP1	0.6	2.1	3.0
FFP2	0.7	2.4	3.0
FFP3	1.0	3.0	3.0

Appendix II: Summarization of Test Data

Breathing resistance (mbar)

	Flow rate(l/min)		1				2				3			
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
As received	Inhalation	30	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		95	1.1	1.0	1.2	1.2	1.1	1.1	1.0	1.1	1.2	1.1	1.1	1.0	1.2	1.2	1.2
	Exhalation	160	2.4	1.9	2.0	2.0	1.8	1.8	1.8	2.0	2.2	2.0	2.0	1.9	2.0	2.0	2.0
Simulated wearing treatment	Flow rate(l/min)		4					5					6				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Inhalation	30	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3
		95	1.2	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.0	1.0	1.1	1.1	1.0
	Exhalation	160	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.8
Temperature conditioned	Flow rate(l/min)		7					8					9				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Inhalation	30	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
		95	1.1	1.1	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1
	Exhalation	160	1.9	1.9	1.9	2.0	1.9	1.8	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.9

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



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Clause 7.17 Clogging

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

Test Requirement	Results	Comment
Clause 7.17.2 Breathing resistance 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	Optional for single shift device only	N.A.
Clause 7.17.3 Penetration of filter material All types (valved and valveless) of particle filtering half masks claimed to meet the clogging requirement shall also meet the requirements:	Optional for single shift device only	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	Comply	Pass

Test	Uncertainty
Total inward leakage	5.4%
Penetration of filter material	4.8%
Carbon dioxide content of the inhalation air	5.8%
Breathing resistance (30L/min)	5.8%
Breathing resistance (95L/min)	4.8%
Breathing resistance (160L/min)	4.3%

检测报告


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Test Report
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Sample Photo


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Test Report
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—End of Report—

04 工厂生产场景

无尘车间

工厂生产场景

01

02

工厂生产场景

03

04

工厂生产场景

05

06

工厂生产场景

07

08

工厂生产场景

09

09

10

11

工厂生产场景

01

02

05

产品介绍

KN95

产品介绍

袋装设计图

袋装实物图

合格证

KN95彩盒

产品介绍

单只克重

产品包装生产

KN95打标

外箱

A

B

C

D

包装说明

- 品名：一次性KN95防护口罩
- Product Name: KN95 Disposable Protective Mask (Non-Medical Use)
- 数量QTY: 10 pcs/bag　100 bags/box
- 体积MEAS: 53*41*44 cm
- 毛重G.W: 8.1 kgs

演示完毕，感谢您的聆听

THANKS

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CERTIFICATION

NB 2163

EU TYPE EXAMINATION CERTIFICATE

Certificate No: 2163-PPE-1098

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

Wenzhou Junyue Bag Making Co., Ltd.
Building 5, Yellow River industrial park, no. 4699 century avenue, longgang city, wenzhou city, zhejiang province, 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.

Product Definition

Model: JY-2018-1
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 **20/07/2020** and will be valid for 5 years, if there is no change in the relevant harmonised standard affecting the essential health and safety requirements.

CE
2163

Suat KAÇMAZ
UNIVERSAL CERTIFICATION
Director

Verify the validity with the QR code

UNIVERSAL
CERTIFICATION

TECHNICAL ASSESSMENT REPORT

REPORT DATE / NO: 20.07.2020 / 2163-KKD-1098

Manufacturer: Wenzhou Junyue Bag Making Co., Ltd.

Address: Building 5, Yellow River industrial park, no. 4699 century avenue, longgang city, wenzhou city, zhejiang province, China

This report is for the, given above, manufacturer prepared according to the test results obtained from Ningbo Customs District Technology Center accredited by CNAS (China National Accreditation Service), signatory to ILAC MRA, with number L-0317 for the product identified below, dated 03.07.2020 with Serial Id KZ2020372 based on EN 149: 2001 + A1: 2009 standard and the technical file dated 18 July, 2020 Version 01 provided by the manufacturer. The sampling of the product is conducted under our supervision for testing from the manufacturing site of the client.

The technical file of the manufacturer, and risk evaluation against the essential health safety requirements and the test report evaluated for their relation with Essential Requirements of Personel Protective Equipment Regulation and found to be appropriate.

This report is an annex and an integral part of the EU Type Examination Certificate issued to the manufacturer. The test results and issued certificate belongs only to the tested model. The technical report consists of a total of 6 pages.

Product Description: Particle Filtering Half Mask

Classification: FFP2 NR

Model: JY-2018-1

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CERTIFICATION

ESSENTIAL HEALTH and SAFETY REQUIREMENTS GIVEN IN EUROPEAN UNION REGULATION EU 2016/425 CORRESPONDING RISKS FOR THE PRODUCT

1.1. Design principles

1.1.1. Ergonomics

PPE must be so designed and manufactured that in the foreseeable conditions of use for which it is intended the user can perform the risk related activity normally whilst enjoying appropriate protection of the highest possible level.

1.1.2. Levels and classes of protection

1.1.2.1. Highest level of protection possible

The optimum level of protection to be taken into account in the design is that beyond which the constraints by the wearing of the PPE would prevent its effective use during the period of exposure to the risk or normal performance of the activity.

1.1.2.2. Classes of protection appropriate to different levels of risk

Where differing foreseeable conditions of use are such that several levels of the same risk can be distinguished, appropriate classes of protection must be taken into account in the design of the PPE.

1.2. Innocuousness of PPE

1.2.1. Absence of risks and other inherent nuisance factors

PPE must be so designed and manufactured as to preclude risks and other nuisance factors under fore seeable conditions of use.

1.2.1.1. Suitable constituent materials

The materials of which the PPE is made, including any of their possible decomposition products, must not adversely affect the health or safety of users.

1.2.1.2. Satisfactory surface condition of all PPE parts in contact with the user

Any part of the PPE that is in contact or is liable to come into contact with the user when the PPE is worn must be free of rough surfaces, sharp edges, sharp points and the like which could cause excessive irritation or injuries

1.2.1.3. Maximum permessible user impediment

Any impediment caused by PPE to movements to be made, postures to be adopted and sensory perception must be minimized; nor must PPE cause movements which endanger the user or other persons.

1.3 Comfort and effectiveness

1.3.1. Adaptation of PPE to user morphology

PPE must be designed and manufactured in such a way as to facilitate its correct positioning on the user and to remain in place for the foreseeable period of use, bearing in mind ambient factors, the actions to be carried out and the postures to be adopted. For this purpose, it must be possible to adapt the PPE to fit the morphology of the user by all appropriate means, such as adequate adjustment and attachment systems or the provision of an adequate range of sizes.

1.3.2. Lightness and design strength

PPE must be as light as possible without prejudicing design strength and efficiency.

Apart from the specific additional requirements which they must satisfy in order to provide adequate protection against the risks in question (see 3), PPE must be capable of withstanding the effects of ambient phenomena inherent under the foreseeable conditions of use

1.4. Information supplied by the manufacturer

The notes that must be drawn up by the former and supplied when PPE is placed on the market must contain all relevant information on:

a) In addition to the name and addressof the manufacturer and/or his authorized representative established in the Community
b) Storage, use, cleaning, maintenance, servicing and disinfection. cleaning, maintenance or disinfectant protection recommended by manufacturers must have no adverse effect on PPE or users when applied in accordance with the relevant instructions;
c) Performance as recorded during technical tests to check the levels or classes of protection provided by the PPE in question;
d) Suitable PPE accessories and the characteristics of appropriate spare parts;
e) The classes of protection appropriate to different levels of risk and the corresponding limits of use;
f) The obsolescence deadlineor period of obsolescence of PPEor certain of its components;
g) The type of packaging suitable for transport;
h) The significance of any markings(see 2.12)
i) Where appropriate the references of the Directives applied inaccordance with Article5(6) (b);
j) The name, address and identification number of the notified body involved in the design stage of the PPE

These notes, which must be precise and comprehensible, must be provided at least in the official language(s) of the member state of destination

UNIVERSAL SERTİFİKASYON VE GÖZETİM HİZM. TİC. LTD. ŞTİ. Kuyup Ticaret Merkezi, Necip Fazıl Bulvarı, E3 Blok, No:44/84 Y. Dudullu - Ümraniye - İSTANBUL T:+90 216 455 80 80 F:+90 216 455 80 08 info@universalcert.com

2. ADDITIONAL REQUIREMENTS COMMON TO SEVERAL CLASSES OR TYPES OF PPE

2.1. PPE incorporating adjustment systems

If PPE incorporates adjustment systems, the latter must be designed and manufactured so that, after adjustment, they do not become undone unintentionally in the foreseeable conditions of use.

2.3. PPE for the face, eyes and respiratory system

Any restriction of the user's face, eyes, field of vision or respiratory system by the PPE shall be minimised.
The screens for those types of PPE must have a degree of optical neutrality that is compatible with the degree of precision and the duration of the activities of the user.
If necessary, such PPE must be treated or provided with means to prevent misting-up.
Models of PPE intended for users requiring sight correction must be compatible with the wearing of spectacles or contact lenses.

2.4. PPE subject to ageing

If it is known that the design performance of new PPE may be significantly affected by ageing, the month and year of manufacture and/or, if possible, the month and year of obsolescence must be indelibly and unambiguously marked on each item of PPE placed on the market and on its packaging.
If the manufacturer is unable to give an undertaking with regard to the useful life of the PPE, his instructions must provide all the information necessary to enable the purchaser or user to establish a reasonable obsolescence month and year, taking into account the quality level of the model and the effective conditions of storage, use, cleaning, servicing and maintenance.
Where appreciable and rapid deterioration in PPE performance is likely to be caused by ageing resulting from the periodic use of a cleaning process recommended by the manufacturer, the latter must, if possible, affix a marking to each item of PPE placed on the market indicating the maximum number of cleaning operations that may be carried out before the equipment needs to be inspected or discarded. Where such a marking is not affixed, the manufacturer must give that information in his instructions.

2.6. PPE for use in potentially explosive atmospheres

PPE intended for use in potentially explosive atmospheres must be designed and manufactured in such a way that it cannot be the source of an electric, electrostatic or impact-induced arc or spark likely to cause an explosive mixture to ignite.

2.8. PPE for intervention in very dangerous situations

The instructions supplied by the manufacturer with PPE for intervention in very dangerous situations must include, in particular, data intended for competent, trained persons who are qualified to interpret them and ensure their application by the user.
The instructions must also describe the procedure to be adopted in order to verify that PPE is correctly adjusted and functional when worn by the user.
Where PPE incorporates an alarm which is activated in the absence of the level of protection normally provided, the alarm must be designed and placed so that it can be perceived by the user in the foreseeable conditions of use.

2.9. PPE incorporating components which can be adjusted or removed by the user

Where PPE incorporates components which can be attached, adjusted or removed by the user for replacement purposes, such components must be designed and manufactured so that they can be easily attached, adjusted and removed without tools.

2.12. PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety

The identification or recognition marks directly or indirectly relating to health and safety affixed to these types or classes of must preferably take the form of harmonized pictograms or ideograms and must rem ain perfectly legible throughout the foreseeableuseful life of the PPE. In addition, these marks must be complete, precise and comprehensible so as to prevent any misinterpretation; in particular, where such marks incorporate words or sentences, the latter must appear in the official language(s) of the Member State where the equipment is to be used.
If PPE (or a PPE component) is too small to allow al loc part of the necessary marking to be affixed, the relevant information must be mentioned on the packing and in the manufacturer's notes.

3. ADDITIONAL REQUIREMENTS SPECIFIC TO PARTICULAR RISKS

3.10.1. Respiratory protection

PPE intended for the protection of the respiratory system must make it possible to supply the user with breathable air when exposed to a polluted atmosphere and/or an atmosphere having an inadequate oxygen concentration.
The breathable air supplied to the user by PPE must be obtained by appropriate means, for example after filtration of the polluted air through PPE or by supply from an external unpolluted source.
The constituent materials and other components of those types of PPE must be chosen or designed and incorporated so as to ensure appropriate user respiration and respiratory hygiene for the period of wear concerned under the foreseeable conditions of use.
The leak-tightness of the facepiece and the pressure drop on inspiration and, in the case of the filtering devices, purification capacity must keep contaminant penetration from a polluted atmosphere low enough not to be prejudicial to the health or hygiene of the user.
The PPE must bear details of the specific characteristics of the equipment which, in conjunction with the instructions, enable a trained and qualified user to employ the PPE correctly.
In the case of filtering equipment, the manufacturer's instructions must also indicate the time limit for the storage of new filters kept in their original packaging.

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Technical Assessment of EN 149: 2001 + A1: 2009 Standard and other Standards it refers to, Clauses Corresponding to the (EU) 2016/425 Directive

Conforming to EN 149:2001 + A1:2009 Standard Requirements	
Article 5	**Classification:** Particle Filtering Half Mask The mask subject to evaluation based on the test results and technical file provided by the manufacturer is classified as; Filtering Efficiency and maximum Total Inward Leakage: Classified as FFP2 Mask is classified for single shift use, NR
Article 7.4	**Packing:** Particle filtering half masks are packaged to protect them from contamination before use and with cardboard boxes to prevent mechanical damage. The packaging design and the product is considered to withstand the foreseeable conditions of use based on the visual inspection results given in the test report.
Article 7.5	**Material:** Materials used in particle filtering half masks, according to the simulated wearing treatment and temperature conditioning results; It is understood it withstands handling and wear over the period for which the particle filtering half mask is designed to be used, it suffered mechanical failure of the facepiece or straps, any material from the filter media released by the air flow through the filter has not constitute a hazard or nuisance for the wearer. The manufacturer declares that the materials used in manufacturing of the mask does not have an adverse affect to the health and safety of users. Based on the test results, the masks did not collapse when subject to simulated wearing and temperature conditioning. No nuisance situation is reported during the practical performance tests by human subjects.
Article 7.6	**Cleaning and Disinfection:** Particle filtering half mask is **not** designed to be as re-usable. No cleaning or disinfection procedure provided by the manufacturer.
Article 7.7	**Practical Performance:** The test report indicates that the human subjects did not face any difficulty in performing the excercises while they were weared by the sample masks, in walking test or work simulation tests. The wearers did not report any failure by means of head harness / straps/ earlope comfort, security of fastenings and field of vision. Also no imperfections reported during total inward tests about the comfort, field of vision and fastening issues.

Assessed Elements	Positive	Negative	Requirements in accordance with EN 149:2001 + A1:2009 and Result
2.Head harness comfort	2	0	Positive results are obtained from the test subjects **No imperfections**
3.Security of fastenings	2	0	
5.Field of vision	2	0	

Conditioning: (A.R.) As Received, original

Article 7.8	**Finish of Parts:** Particle filtering half masks, which are likely to come into contact with the user, do not have sharp edges and do not contain burrs.
Article 7.9.1	**Total Inward Leakage:** The Total Inward Leage test is conducted by 10 individual in an aerosol chamber with a walking band, and samples are taken during the conduction of the excercises defined in the standard. The samples used in the test are subjected to the conditioning required in the standard as Temperature conditioning and as received. The face dimensions of the subjects are also reported. The measurement details for each subject and for each excersize are available in the test report. It was reported that: 48 out of 50 exercise measurement results are smaller or equal to 11%, the values varies between 0.472 % and 19.7 %. All 10 individual's arithmetic mean is smaller or equal to 8%, the values varies between 1.61 % and 7.54 %. **According to the reported results, the product meets the limits for FFP1 and FFP2 classifications.**

Article 7.9.2

Penetration of filter material: Sodium Chloride Testing

Condition	No. of Sample	Sodium Chloride Testing 95 L/min max (%)	Requirements in accordance with EN 149:2001 + A1:2009	Result
(A.R.)	19	2.07		
(A.R.)	20	1.85		
(A.R.)	21	2.19	FFP1 ≤ 20 %	Filtering half masks fulfill the requirements of the standard EN EN 149:2001 + A1:2009 given in 7.9.2 in range of the **FFP1 and FFP2** classes.
(S.W.)	22	2.06		
(S.W.)	23	1.99	FFP2 ≤ 6 %	
(S.W.)	24	1.94		
(M.S. T.C.)	25	2.10	FFP3 ≤ 1 %	
(M.S. T.C.)	26	2.13		
(M.S. T.C.)	27	2.06		

Conditioning: (M.S.) Mechanical Strength
(T.C.) Temperature Conditioning
(A.R.) As Received, original
(S.W.) Simulated wearing treatment

95 L/min = 1,6 $dm^3.s^{-1}$

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Article 7.9.2

Penetration of filter material: Paraffin Oil Testing

Condition	No. of Sample	Paraffin Oil Testing 95 L/min max (%)	Requirements in accordance with EN 149:2001 + A1:2009	Result
(A.R.)	28	1.82	FFP1 ≤ 20 % FFP2 ≤ 6 % FFP3 ≤ 1 %	Filtering half masks fulfill the requirements of the standard EN EN 149:2001 + A1:2009 given in 7.9.2 in range of the **FFP1 and FFP2** classes.
(A.R.)	29	1.89		
(A.R.)	30	1.96		
(S.W.)	31	2.00		
(S.W.)	32	1.96		
(S.W.)	33	2.13		
(M.S. T.C.)	34	1.95		
(M.S. T.C.)	35	2.04		
(M.S. T.C.)	36	1.98		

Conditioning: (M.S.) Mechanical Strength
(T.C.) Temperature Conditioning
(A.R.) As Received, original
(S.W.) Simulated wearing treatment

Article 7.10

Compatibility with skin: In Practical Performance report, the likelihood of mask materials in contact with the skin causing irritation or other adverse effect on health was not reported.

Article 7.11

Flammability:

Condition	No. of Sample	Visual inspection	Requirements in accordance with EN 149:2001 + A1:2009	Result
(A.R.)	42	Burn for 0s	Filtering half mask shall not burn or not continue to burn for more than 5 s after removal from the flame	Passed Filtering half masks fulfill requirements of the standard
(A.R.)	43	Burn for 0s		
(T.C.)	44	Burn for 0s		
(T.C.)	45	Burn for 0s		

Conditioning: (A.R.) As Received, original
(T.C.) Temperature Conditioning

Article 7.12

Carbon dioxide content of the inhalation air:

Condition	No. of Sample	CO_2 content of the inhalation air [%] by volume	An average CO_2 content of the inhalation air	Requirements in accordance with EN 149:2001 + A1:2009	Result
(A.R.)	46	0.47	0.47 [%]	CO_2 content of the inhalation air shall not exceed an average of 1.0% by volume	**Passed** Filtering half masks fulfil requirements of the standard
(A.R.)	47	0.46			
(A.R.)	48	0.48			

Conditioning: (A.R.) As Received, original

Article 7.13

Head harness: In Practical Performance and TIL test reports no adverse effects have been reported for donning and remove of the mask also the results of these tests indicates that the ear loops / head harness are capable of holding the mask firmly enough.

Article 7.14

Field of vision: In Practical Performance report, no adverse effects were reported for the field of vision availability when the mask is weared.

Article 7.15

Exhalation Valve(s): The model under inspection have no valves.

Article 7.16

Breathing Resistance: Inhalation

The overall evaluation in the figures gathered for 9 different samples 3 as received, 3 with temparature conditioning and 3 simulated wearing treatment conditioned complies with the limits given in the standard for FFP2 and FFP3 classes. This is valid for inhalation results for 30 L/min, 95 L/min and exhalation at 160 L/min.

Passed.

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Article 7.17	**Clogging:** This test is not applied to Particle Filtering Half Mask which is not reusable. *(For single shift use devices, the clogging test is optional test. For re-usable devices test is mandatory.)*
Article 7.18	**Demountable Parts:** There are no demountable parts on the product.
Article 8	**Testing:** All tests conducted according to Clause 8 of this standard is available in the test report and are evaluated in this report for qualification and classification of the mask.
Article 9	**Marking – Packaging:** Necessary markings are available on the product package (box). The manufacturer and its trademark is clearly visible. The type of the mask and the classification including the status of re-usability, the reference to EN 149:2001+A1:2009 standard, the end date of shelf life, using and storage instructions and pictograms and CE mark are available on the product package. The above evaluation is based on the technical document for packaging and marking, for box design. Verified on the Annex 9.1 of the technical file. The technical documentation for mask design (drawing) also evaluated for marking requirements, drawing JY-2018-1. The mask template (drawing) indicates that the mask will carry information about the name / trademark (Wenzhou Junyue Bag Making Co., Ltd. / JunYue) of the manufacturer, type of mask, the reference to EN 149+A1:2009 standard and classification including the re-usability of the mask. The manufacturer also printed CE mark with our Notified Body number. The mask do not have sub-assemblies. Even the tested sample by the laboratory do not carry necessary marking information as stated in the technical documentation, the manufacturer shall follow marking instructions for serial production. Model JY-2018-1 drawing exists in the technical file of the manufacturer, Annex 6 of technical file.
Article 10	**Information to be supplied by the manufacturer:** In each of the smallest commercially available packaging of the product, implementation (installation instructions) pre-use controls, warning and usage limitations, storage and meanings of symbols / pictograms are defined. User instruction document in the technical file found to be appropriate, Annex 8. The manufacturer shall include this documented user information text in every smallest commercially available package.

PREPARED BY	APPROVED BY
Osman CAMCI PPE Expert	**Suat KAÇMAZ** Director

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NB 2163

CERTIFICATE OF CONFORMANCE

Certificate No: 2163-PPE-1098/01

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

Wenzhou Junyue Bag Making Co., Ltd.
Building 5, Yellow River Industrial Park, No. 4699 Century Avenue, Longgang City, Wenzhou City, Zhejiang Province, 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 No	Date	Issuing NB No
JY-2018-1	FFP2 NR	2163-PPE-1098	20.07.2020	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 **02/08/2020** and will be valid for one year, until **01/08/2021** 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.

CE
2163

Suat KAÇMAZ
UNIVERSAL CERTIFICATION
Director

Verify the validity with the QR code