
Datasheet for Particle Filtering Mask

FFP2

**Non-Medical
(non-sterile)**

**EN 149: 2001
product ID-No.KN KTF**



China Ministry of Commercial White list producer with Valid CE

The screenshot shows a web browser window with multiple tabs. The active tab is '取得国外' (Obtain Foreign). The address bar shows the URL 'www.cccmhpie.org.cn/kywz.aspx'. The website header features the CCCMHPIE logo and the text '中国医药保健品进出口商会' (China Federation of Pharmaceutical and Healthcare Products Import and Export). A search bar is present with the text '请输入关键词进行搜索' (Please enter keywords to search). Below the header is a navigation menu with links: 首页 (Home), 关于商会 (About the Association), 新闻中心 (News Center), 行业服务 (Industry Service), 权威发布 (Authoritative Release), 商会会刊 (Association Magazine), 企业风采 (Enterprise Spirit), 会员之家 (Members' Home), and 加入商会 (Join the Association). The main content area is titled '取得国外标准认证或注册的医疗物资和非医用口罩生产企业检索' (Search for medical materials and non-medical masks with foreign standard certification or registration). A search box contains the text '腾飞科技' (Tengfei Technology), and a '检索' (Search) button is next to it. Below the search box is a table with the following columns: 企业名称 (中文) (Company Name (Chinese)), 企业名称 (英文) (Company Name (English)), 产品类别 (Product Category), 统一社会信用代码 (Unified Social Credit Code), and 国外注册认证情况 (Foreign Registration and Certification Status). The table contains one row: 腾飞科技股份有限公司 (Tengfei Technology Co., Ltd.), Tengfei Technology Co., Ltd, 非医用口罩 (Non-medical mask), 913205007961117171, and 欧盟CE (EU CE). The row is circled in red. Below the table is a section titled '友情链接' (Friendly Links) with a red box containing the text 'Company name: Tengfei Tech, Product Name: Non Medical Mask, Valid CE'. Below this are four buttons: 政府部门 (Government Department), 行业组织 (Industry Organization), 国际机构 (International Organization), and 行业门户 (Industry Portal). The footer contains the text '关于我们 | 联系我们 | 会员之家 | 行业服务' (About Us | Contact Us | Members' Home | Industry Service) and a QR code. The Windows taskbar at the bottom shows the time as 21:26 on 2020/6/18.

取得国外标准认证或注册的医疗物资和非医用口罩生产企业检索

腾飞科技

检索

企业名称 (中文)	企业名称 (英文)	产品类别	统一社会信用代码	国外注册认证情况
腾飞科技股份有限公司	Tengfei Technology Co., Ltd	非医用口罩	913205007961117171	欧盟CE

友情链接

Company name: Tengfei Tech, Product Name: Non Medical Mask, Valid CE

政府部门 行业组织 国际机构 行业门户

关于我们 | 联系我们 | 会员之家 | 行业服务

21:26
2020/6/18

Business License

统一社会信用代码

913205007961117171

(1/1)

营业执照

(副本)

编号

320500666202002210004

扫描二维码登录“国家企业信用信息公示系统”了解更多登记、备案、许可、监管信息。

名称

腾飞科技股份有限公司

注册资本

6719万元整

类型

股份有限公司(非上市)

成立日期

2006年12月11日

法定代表人

梅先明

营业期限

2006年12月11日至*****

经营范围

功能性新材料、智能服饰的技术研发;服装面料和家用纺织品的生产、销售(不含制革、印染);中高档无缝内衣、半有缝内衣、罩杯的设计、生产、销售;模具、五金制品的设计、生产、销售;货物及技术的进出口业务;服装领域内的技术咨询和技术服务。(法律、行政法规禁止经营的除外,法律、行政法规限制经营的凭许可证经营)。第二类医疗器械生产;日用口罩(非医用)生产;日用口罩(非医用)销售;劳动保护用品生产;劳动保护用品销售;第二类医疗器械批发;第二类医疗器械零售(依法须经批准的项目,经相关部门批准后方可开展经营活动)

登记机关

昆山市张浦镇桐丘路南侧

2020年02月21日

Business License

Official Duplicate

Uniform Social Credit Code

913205007961117171

Name: TENGFEI TECHNOLOGY CO., LTD.

Type of enterprise: Incorporated Company (non-listed)

Address: NO.111 TONGQIU ROAD, ZHANGPU TOWN, KUNSHAN CITY, JIANGSU PROVINCE, CHINA

Legal Representative: Mei Xianming

Registered Capital: RMB 67,190,000

Date of Incorporation: Dec. 11st, 2006

Duration of Business: Dec. 11st, 2006 -

Business Scope:

Technical research and development of functional new materials and intelligent clothing; Production and marketing of clothing fabrics and home textiles (excluding leather and dyeing); Middle and high-grade seamless underwear, half sew underwear, cup design, production, marketing; Mold, hardware products design, production, marketing; Import and export of goods and technologies; Technical consultation and service in the field of clothing. (Except those prohibited by laws and administrative regulations, those restricted by laws and administrative regulations shall operate with license). Category II Medical device production; Daily face masks (non-medical) production; Sales of daily face masks (non-medical); Production of Labour protection articles; Sales of labor protection articles; The second type of medical equipment wholesale; The second category of medical equipment sales (according to the law, subject to the approval of the relevant departments before the implementation of business activities)...

Registration Authority: Bureau of Administrative

Approval of Suzhou City

Issuing Date: February 21st, 2020

US CDC Website Check for Authorized Chinese products

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Appendix A: Authorized Imported, Non-NIOSH Approved Respirators Manufactured in China (Updated: June 17, 2020)

The table below includes a list of non-NIOSH respirators authorized by [this Umbrella EUA](#) for emergency use during the COVID-19 public health emergency.

As stated in the EUA, authorized respirators should be used in accordance with CDC's recommendations. For the most current CDC recommendations on optimizing respirator use, please visit CDC's webpage: [Strategies for Optimizing the Supply of N95 Respirators](#).

Search:

Show entries

Manufacturer	Respirator Model(s)	Instructions for Use
Tengfei Tech. Co. Ltd.	TF-9006	• IFU ↗

Showing 1 to 1 of 1 entries (filtered from 41 total entries)

Previous **1** Next

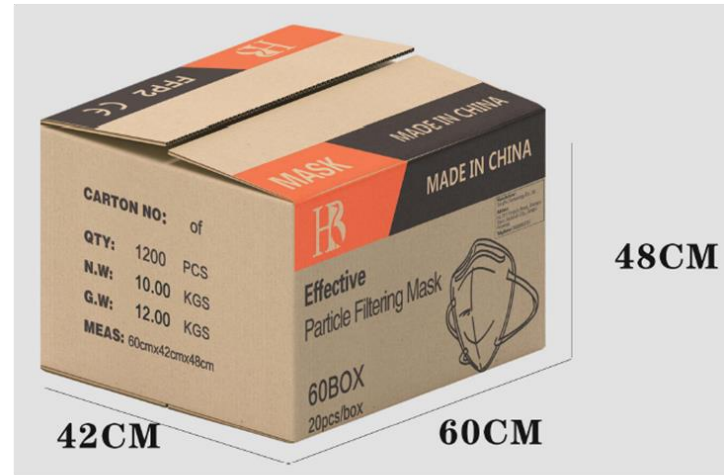
Respirator Models Removed from Appendix A (Respirator Models No Longer Authorized)

These respirator models had been on the list of authorized respirators in Appendix A but no longer meet the [EUA](#) eligibility criteria and thus are no longer authorized. Note: As outlined in the EUA, a respirator model with a removal date of May 7, 2020 is eligible for

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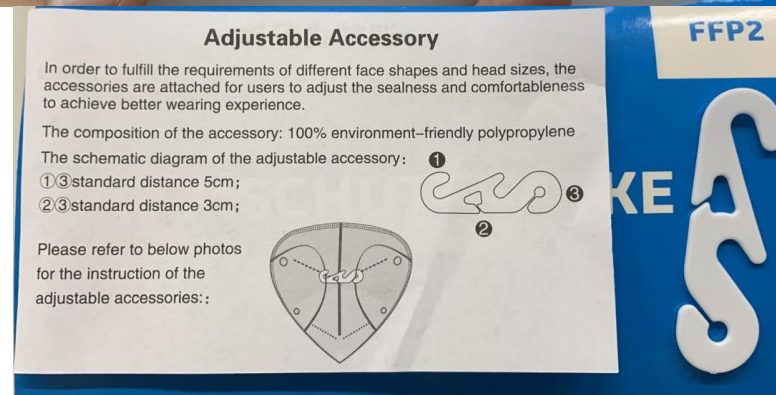
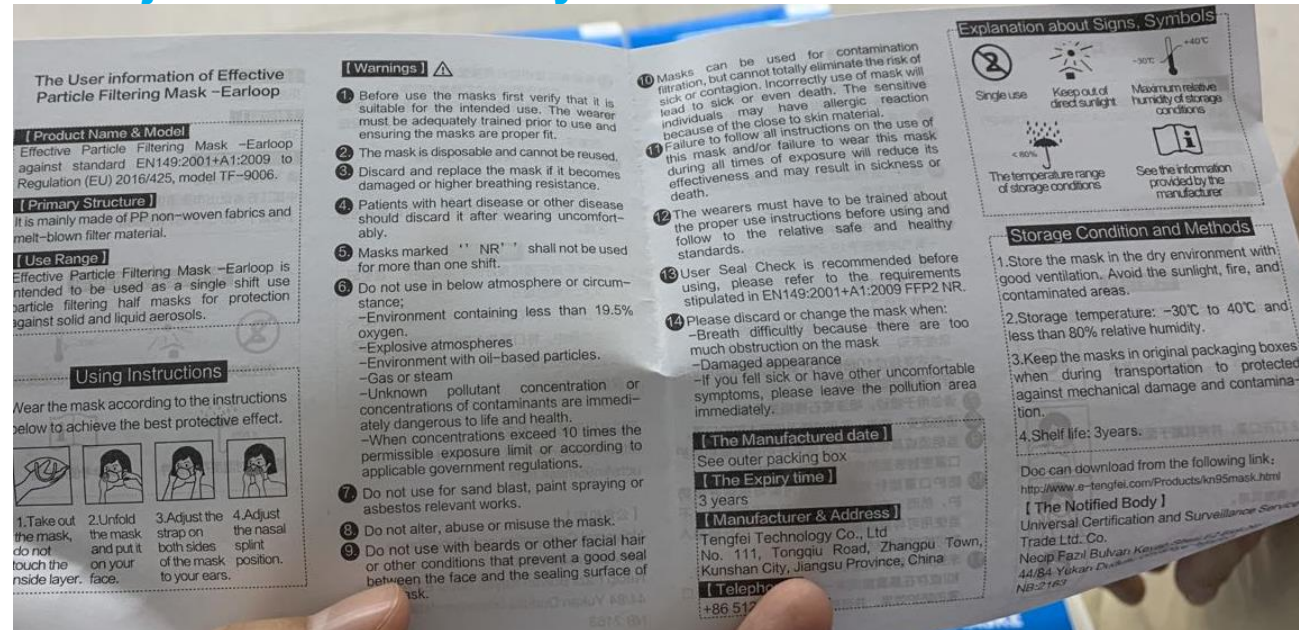
📶 🔊 🖨️ 英 21:32 2020/6/18 🗨️

Product Overview and Packaging



PACKAGE: 20PCS/BOX, 1200PCS/CARTON

User Manual & Adjustable Accessory



Comparison of FFP2 masks with similar other standard products from different countries

Based on this comparison, it is reasonable to consider China KN95, AS/NZ P2, Korea 1st Class, and Japan DS FFRs as "equivalent" to US NIOSH N95 and European FFP2 respirators, for filtering non-oil-based particles such as those resulting from wildfires, PM 2.5 air pollution, volcanic eruptions, or bioaerosols (e.g. viruses). However, prior to selecting a respirator, users should consult their local respiratory protection regulations and requirements or check with their local public health authorities for selection guidance.

Certification/ Class (Standard)	N95 (NIOSH-42C FR84)	FFP2 (EN 149-2001)	KN95 (GB2626-20 06)	P2 (AS/NZ 1716:2012)	Korea 1 st Class (KMOEL - 2017-64)	DS (Japan JMHLW- Notification 214, 2018)
Filter performance – (must be ≥ X% efficient)	≥ 95%	≥ 94%	≥ 95%	≥ 94%	≥ 94%	≥ 95%
Test agent	NaCl	NaCl and paraffin oil	NaCl	NaCl	NaCl and paraffin oil	NaCl
Flow rate	85 L/min	95 L/min	85 L/min	95 L/min	95 L/min	85 L/min
Total inward leakage (TIL)* – tested on human subjects each performing exercises	N/A	≤ 8% leakage (arithmetic mean)	≤ 8% leakage (arithmetic mean)	≤ 8% leakage (individual and arithmetic mean)	≤ 8% leakage (arithmetic mean)	Inward Leakage measured and included in User Instructions
Inhalation resistance – max pressure drop	≤ 343 Pa	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min) ≤ 500 Pa (clogging)	≤ 350 Pa	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min)	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min)	≤ 70 Pa (w/valve) ≤ 50 Pa (no valve)
Flow rate	85 L/min	Varied – see above	85 L/min	Varied – see above	Varied – see above	40 L/min
Exhalation resistance - max pressure drop	≤ 245 Pa	≤ 300 Pa	≤ 250 Pa	≤ 120 Pa	≤ 300 Pa	≤ 70 Pa (w/valve) ≤ 50 Pa (no valve)
Flow rate	85 L/min	160 L/min	85 L/min	85 L/min	160 L/min	40 L/min
Exhalation valve leakage requirement	Leak rate ≤ 30 mL/min	N/A	Depressurizatio n to 0 Pa ≥ 20 sec	Leak rate ≤ 30 mL/min	visual inspection after 300 L./min for 30 sec	Depressurizatio n to 0 Pa ≥ 15 sec
Force applied	-245 Pa	N/A	-1180 Pa	-250 Pa	N/A	-1,470 Pa
CO ₂ clearance requirement	N/A	≤ 1%	≤ 1%	≤ 1%	≤ 1%	≤ 1%

*Japan JMHLW-Notification 214 requires an Inward Leakage test rather than a TIL test.

Qualification Certificate



CERTIFICATION

Product Name:	Disposable protection mask
Product Model:	TF-9006
Specification:	10.7cmx2x16cm
Brand:	HB
Main Material:	40%Non-woven fabric、 40%Melt-blown、 20%Hot-Air Cotton
Executive Standard:	GB 2626-2006 KN95 EN149-2001+A1: 2009 FFP2
Product Batch:	2503202011
Product Date:	May 19, 2020
Date of Inspection:	May 19, 2020
Shelf life:	3 years
Manufacturer:	Tengfei Technology Co., Ltd.
Address:	No.111 Tongqiu Road, Zhangpu Town, Kunshan City, Jiangsu Province.
Inspector:	<div>No.2</div>

ISO 9001 Certificate by Beijing Hangxie Certification Center



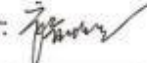
BEIJING HANGXIE CERTIFICATION CENTER CO.,LTD.
**QUALITY MANAGEMENT SYSTEM
CERTIFICATION**

Tengfei Technology Co., Ltd.

Registration No : **03420Q50470R0M**
Organization Code: 913205007961117171
Registration Address: South side Tongqiu Zhangpu Town, Kunshan City, Jiangsu Province,
China P.C 215321
Audition Address: 111#Tongqiu Road, Zhangpu Town, Kunshan City, Jiangsu Province,
China P.C 215321
In conformity with : **GB/T19001-2016 idt ISO9001:2015**
Certification scope: **Underwear and masks (not medical) production**
Issue Date: May .12,2020 Expiry Date: May .11,2023
First Issue Date: May .12,2020



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C034-M

General Manager: 

BEIJING HANGXIE
CERTIFICATION CENTER CO.,LTD.

After this certificate is issued, there should be at least 2 surveillance audits within the 3 year period of validity, the current validity of the certificate can be checked on (www.bhacc.com.cn) The certificate information is available on the official website of the National Certification and Accreditation Administration (www.cnca.gov.cn) It is also available by scanning the two-dimensional code at the bottom right corner.

Address : NO.7 Jingshun Road,Chaoyang District,Beijing,China.



CE Certificate by Universal Certifications NB 2163

UNIVERSAL

Verify the validity with the QR code



CERTIFICATE OF CONFORMANCE

Certificate No: 2163 - PPE – 674/01

Respiratory protective devices, filtering half masks to protect against particles manufactured by
TENGFEI TECHNOLOGY CO., LTD

No. 111, Tongqiu Road, Zhangpu Town, Kunshan City, Jiangsu 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 Nr.	Date	Issuing NB Nr.
TF-9006	FFP2	2163-PPE-674	12.05.2020	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 **12.05.2020** and will be valid for one year, until **11/05/2021** if the manufacturer makes no major change in the product designs and manufacturing processes affecting the product performance on the essential health and safety requirement.



Suat KACMAZ

Suat KACMAZ
UNIVERSAL CERTIFICATION
Director

UNIVERSAL

Verify the validity with the QR



EU TYPE EXAMINATION CERTIFICATE

Certificate No: 2163 - PPE - 674

Respiratory protective devices, filtering half masks to protect against particles manufactured by
TENGFEI TECHNOLOGY CO., LTD
No. 111, Tongqiu Road, Zhangpu Town, Kunshan City, Jiangsu 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 : TF-9006

Filtering half mask

Total Inwards Leakage: Class – FFP2

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 **12 / 05 /2020** and will be valid for 5 years, if there is no
change in the relevant harmonised standard affecting the essential health and safety
requirements.



Suat KACMAZ
UNIVERSAL CERTIFICATION
Director

Online Verification of CE

Verify Issued Certificate

Certificate Nr: Company Name (Min First 3 Letter): **SEARCH**

Please do not request e-mail verification in case you can verify the certificate with scanning QR Codes.
Please compare the information results on the query result on the web page and on the certificate on your side when you make query by QRCode or manual.

The certificate holder, certificate number, standard and model name (if exists) must match.

[Query Results](#)

Certificate Holder	TENGFEI TECHNOLOGY CO., LTD
Certificate Nr	2163-PPE-674/01
Certificate Type	EN 149+A1:2009 Module C2, Certificate of Conformance
Model Name	TF-9006
Valid Through	12 / 05 / 2020
Valid Until	12 / 05 / 2021
Issue Date	13 / 05 / 2020
Status	Valid

CERTIFICATE OPERATIONS

→ Verify Issued Certificate
Application Form

Please register to our newsletter for news and announcements from us, first to be notified.

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REQUEST OFFER

ACREDITATIONS

CORPORATE
Management Profile

SERVICES
Management Systems

CERTIFICATE OPERATIONS
Verify Issued Certificate

DATA BANK
Logos

21:58
2020/6/18

Notified Body check on PPE

The screenshot shows a web browser window with the URL <https://ec.europa.eu/growth/tools-databases/nando/index.cfm?fuseact>. The page title is "Notified bodies Nando". The sidebar on the left contains the following links: Country, Legislation, Body (selected), Construction products, Free search, Mutual Recognition Agreements, CETA Protocol on Conformity Assessment, Notifying Authority - Notification procedures, Accreditation Body, and Glossary. The main content area is titled "Notification" and shows "Found : 2". The body information is as follows:

Body :
Universal Certification and Surveillance Service Trade Ltd. Co.
Necip Fazıl Bulvarı Keyap Sitesi E2 Blok No: 44/84 Yukarı Dudullu
Ümraniye-Istanbul
Country : Turkey

Phone : +90 216 455 80 80
Fax : +90 216 455 80 08

Email : info@universalcert.com
Website : www.universalcert.com

Notified Body number : 2163

The "Legislations" table is as follows:

Legislations	HTML	PDF
Regulation (EU) No 305/2011 - Construction products	HTML	PDF
Regulation (EU) 2016/425 Personal protective equipment	HTML	PDF

The second row of the table is circled in red. The Windows taskbar at the bottom shows the time as 23:04 on 2020/5/18.

Test report on EN 149 by SGS and Jiangsu Guojian (CNAS accredited test lab/ L10118)

SGS

Test Report No.: QDHL2004002636MD Date: MAY.26,2020 Page: 1 of 8

TENGFEI TECHNOLOGY CO., LTD
NO.111 TONGQIU ROAD, ZHANGPU TOWN, KUNSHAN CITY, JIANGSU PROVINCE, CHINA

The following sample(s) was/were submitted and identified by the client as:

Sample Description : EFFECTIVE PARTICLE FILTERING MASK
Style/ Item No. : TF-003
Buyer : COMAZO
Supplier : TENGFEI TECHNOLOGY CO., LTD
Manufacturer : TENGFEI TECHNOLOGY CO., LTD
Country of Origin : CHINA
Country of Destination : GERMANY
Sample Receiving Date : APR.02,2020
Testing Period : APR.02,2020 TO MAY.26,2020
Test Requested : SELECTED TEST(S) AS REQUESTED BY APPLICANT
Test Result(s) : PLEASE REFER TO THE FOLLOWING PAGE(S)

Remark: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

SGS-CSTC Standards
Technical Services (Qingdao)
Co., Ltd.

Jessica Gao

Jessica Gao
Approved Signatory

scan to see the report

QR code

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755)88111442 or email: CN-branch@sgs.com

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QD 7361674
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sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Test Report

No.: QDHL2004002636MD

Date: MAY.26,2020

Page: 2 of 8

Test Results :

S.No.	Test Item		Unit	Technical requirements	Test result	Single item decision
1	Visual Inspection	Packaging	---	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.	Packaging withstands mechanical damage and contamination	Qualified
		Material	---	Materials used shall be suitable to with stand handling and wear over the period for which the particle filtering half mask is designed to be used.	Materials withstand handling and wear	
2	Practical performance	Head Harness Comfort	---	Head harness should be comfort.	Sample 1 has the feeling of comfortable wearing Sample 2 has the feeling of comfortable wearing	Qualified
		Security of fastenings	---	Fastenings are safe and reliable	Sample 1: All fastenings are firm. Sample 2: All fastenings are firm.	
		Field of vision	---	Field of vision is acceptable	Sample 1: Having a wider visual field Sample 2: Having a wider visual field	
3	Finish of parts		---	Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs.	Parts of the device have no sharp edges and burrs.	Qualified

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SGS-CTI (China) Technical Services Co., Ltd.

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Test Report

No.: QDHL2004002636MD

Date: MAY.26,2020

Page: 3 of 8

S.No	Test item	Unit	Technical requirements	Test result		Single item decision
4	Compatibility with skin	-----	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.	A.R.	5 pcs all don't cause irritation	Qualified
				T.C.	5 pcs all don't cause irritation	
5	Flammability	-----	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.	A.R.	The Sample is burning. Burning time:0.1s	Qualified
					The Sample is burning. Burning time:0.1s	
				T.C.	The Sample is burning. Burning time:0.1s	
					The Sample is burning. Burning time:0.1s	
6	Carbon dioxide content of the inhalation air	-----	≤1.0% (by volume)	Sample 1	0.0901%	Qualified
				Sample 2	0.0902%	
				Sample 3	0.0903%	
				Report value	0.09%	

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SGS China Inspection & Testing Services Co., Ltd.

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Test Report

No.: QDHL2004002636MD

Date: MAY.26,2020

Page: 4 of 8

S.No	Test item	Unit	Technical requirements	Test result	Single item decision
7	Material	-----	After undergoing S.W., none of the particle filtering half masks shall have suffered mechanical failure of the facepiece or straps.	Sample 1: neither facepiece nor straps have mechanical failure	Qualified
				Sample 2: neither facepiece nor straps have mechanical failure	
				Sample 3: neither facepiece nor straps have mechanical failure	
			After undergoing S.W. and T.C., none of the particle filtering half masks shall not collapse.	Sample 1: no collapse Sample 2: no collapse Sample 3: no collapse	Qualified
8	Head hardness	-----	The head hardness 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 or sufficiently robust to hold the particle filtering half mask firmly in position.	A.R. All of 5 pieces particle filtering half mask meet the requirements	Qualified
				T.C. All of 5 pieces particle filtering half mask meet the requirements	
9	Field of vision	-----	The field of vision is acceptable if determined so in practical performance tests.	The two samples both have a wider visual field	Qualified

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Test Report

No.: QDHL2004002636MD

Date: MAY.26,2020

Page: 5 of 8

S.No	Test item		Unit	Technical requirements	Test result				Single item decision
10	Penetration of filter material	Sodium chloride	-----	≤6%	A.R.	0.1%	0.2%	0.1%	Qualified
					S.W.	0.2%	0.2%	0.1%	
					M.S+ T.C.	0.4%	0.5%	0.4%	
		Paraffin oil	-----	≤6%	A.R.	1.4%	1.3%	1.3%	Qualified
					S.W.	1.4%	1.4%	1.3%	
					M.S+ T.C.	3.8%	3.9%	3.8%	

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Test Report

No.: QDHL2004002636MD

Date: MAY.26,2020

Page: 6 of 8

S.No.	Test item	Unit	Technical Requirment s	Test result						Single item decision
				Exerc ses	Facing directly ahead	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side	
11	Breathing resistance	Inhalation 30 L/Min	≤0.7	A.R.	0.5	0.6	0.5	0.6	0.5	Qualified
					0.6	0.5	0.6	0.5	0.6	
					0.5	0.6	0.5	0.6	0.5	
				S.W.	0.6	0.5	0.6	0.5	0.6	
					0.5	0.5	0.5	0.5	0.5	
					0.6	0.6	0.6	0.6	0.5	
				T.C.	0.5	0.5	0.5	0.6	0.5	
					0.5	0.6	0.5	0.6	0.5	
					0.5	0.6	0.6	0.5	0.6	
		Inhalation 95 L/Min	≤2.4	A.R.	1.9	1.8	1.9	1.9	1.9	Qualified
					1.8	1.8	1.7	1.7	1.8	
					1.8	1.7	1.8	1.7	1.8	
				S.W.	1.7	1.8	1.7	1.7	1.8	
					1.7	1.8	1.7	1.8	1.8	
					1.7	1.7	1.7	1.7	1.8	
				T.C.	1.7	1.7	1.8	1.8	1.8	
					1.7	1.7	1.7	1.8	1.8	
					1.7	1.8	1.7	1.8	1.7	
	Exhalation 160 L/min	≤3.0	≤3.0	A.R.	2.5	2.6	2.6	2.6	2.5	Qualified
					2.5	2.6	2.6	2.6	2.5	
					2.5	2.5	2.6	2.6	2.5	
				S.W.	2.6	2.5	2.5	2.6	2.6	
					2.5	2.5	2.6	2.6	2.6	
					2.5	2.5	2.5	2.5	2.5	
				T.C.	2.6	2.6	2.6	2.6	2.5	
					2.5	2.5	2.5	2.6	2.6	
					2.5	2.5	2.6	2.6	2.6	

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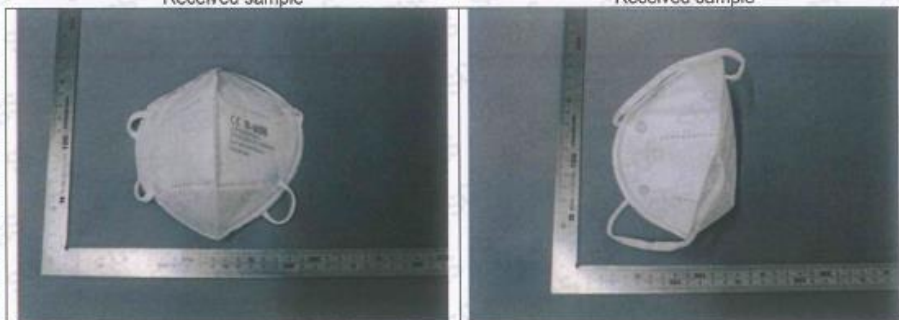
S.No	Test item	Unit	Techn ical Require ments	Test result								Single item decision
				Exer cises	E1 (%)	E2 (%)	E3 (%)	E4 (%)	E5 (%)	TIL (%)		
12	Total inward leakage	-----	At least 46 out of The 50 individual Exercise results shall be not greater than 11%; and in addition, at least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall be not greater than 8%	A. R.	1#	5.2	6.2	6.1	6.0	5.6	5.8	Qualified
					2#	5.2	5.6	5.8	5.8	5.3	5.5	
					3#	5.1	5.7	5.8	5.7	5.3	5.5	
					4#	5.0	5.7	5.8	5.8	5.4	5.5	
					5#	4.8	5.5	5.6	5.9	5.2	5.4	
				T. C.	6#	5.6	5.9	6.4	6.1	5.6	5.9	
					7#	4.7	5.2	5.6	5.4	4.9	5.2	
					8#	5.8	6.7	6.8	6.4	6.0	6.3	
					9#	5.3	5.8	6.2	6.1	5.4	5.8	
					10#	5.5	6.6	6.4	6.7	6.0	6.2	

Remark: The test was carried out by external laboratory assessed as competent (Jiangsu Guojian Testing Technology Co., Ltd.).

Sample Photo:

Received sample

Received sample



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Page: 8 of 8

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End of Report

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Test Report from Jiang Su Guojian



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国检检测
CHINA COMPONENTS TEST

Test Report

(2020) WSZ FHL NO.3441

Product Name Effective Particle Filtering Mask-Earloop

Client Tengfei Technology Co.,Ltd

Manufacturer

Test Type Entrusted inspection





Jiangsu Guojian Testing Technology Co., Ltd

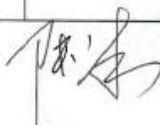
Test Report

[2020] WSZ FHL NO.3441

Page 1 of 5

Product name	Effective Particle Filtering Mask-Earloop	Specification	TF-9006
		Brand	—
Client/Add/Tel	Tengfei Technology Co.,Ltd/No.111, Tongqiu Road, Zhangpu Town, Kunshan City, Jiangsu Province, China/—		
Manufacturer/Add/Tel	—/—/—		
Sample grade	FFP2	Sample number	GW3441-2020
Sample quantity	130 pcs	Receiving date of sample	07/04/2020
Test type	Entrusted inspection	Article number/Batch number/Style number	—
Test date	10/04/2020~20/04/2020	Testing sites	Testing room
State	Meeting the the requirements of testing	Sample description	—
Test standard(s)	BS EN 149:2001+A1:2009 Respiratory protective devices-Filtering half masks to protect against particles- Requirements,testing, marking		
Test items	Visual inspection, practical performance, finish of parts, compatibility with skin, flammability, carbon dioxide content of the inhalation air, material, head harness, field of vision, penetration of filter material, breathing resistance, total inward leakage		
Test conclusion	<p>The sample upon testing, the test items meet the requirements of the BS EN 149:2001+A1:2009 standard. The detail of test results see on Pages 2-5.</p> <p style="text-align: right;">  Issue date: 2020. 4. 29 </p>		
Note	<p>For the entrusted sample test, the technical responsibilities are undertaken for the test results of the supplied samples only.</p> <div style="text-align: right;">  </div>		

Approver:



Reviewer:

342

Chief Tester:

杨莹

Test Report

[2020] WSZ FHL NO.3441

Page 2 of 5

S.No.	Test item		Unit	Technical requirements	Test result		Single item decision
1	Visual inspection	Packaging	—	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.	Packaging withstands mechanical damage and contamination.		Qualified
		Material	—	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.	Materials withstand handling and wear.		
2	Practical performance	Head harness comfort	—	Head harness should be comfort.	Sample 1 has the feeling of comfortable wearing		Qualified
					Sample 2 has the feeling of comfortable wearing		
		Security of fastenings	—	Fastenings are safe and reliable	Sample 1: All fastenings are firm.		
					Sample 2: All fastenings are firm		
		Field of vision	—	Field of vision is acceptable	Samples 1: Having a wider visual field		
Samples 2: Having a wider visual field							
3	Finish of parts		—	Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs.	Parts of the device have no sharp edges and burrs		Qualified
4	Compatibility with skin		—	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.	A.R.	5 pcs all don't cause irritation	Qualified
					T.C.	5 pcs all don't cause irritation	
5	Flammability		—	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.	A.R.	The Sample is burning. Burning time:0.1s	Qualified
						The Sample is burning. Burning time:0.1s	
					T.C.	The Sample is burning. Burning time:0.1s	
						The Sample is burning. Burning time:0.1s	

Test Report

[2020] WSZ FHL NO.3441

Page 3 of 5

S.No.	Test item		Unit	Technical requirements	Test result				Single item decision
6	Carbon dioxide content of the inhalation air			≤1.0% (by volume)	0.08%				Qualified
7	Material	—	After undergoing S.W., none of the particle filtering half masks shall have suffered mechanical failure of the facepiece or straps.	Sample 1: either facepiece nor straps have mechanical failure				Qualified	
				Sample 2: either facepiece nor straps have mechanical failure					
				Sample 3: either facepiece nor straps have mechanical failure					
			After undergoing S.W. and T.C. , none of the particle filtering half masks shall not collapse.	Sample 1: no collapse					
				Sample 2 : no collapse					
				Sample 3: no collapse					
8	Head harness	—	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	A.R.	All of 5 pieces particle filtering half mask meet the requirements			Qualified	
				T.C.	All of 5 pieces particle filtering half mask meet the requirements				
9	Field of vision		—	The field of vision is acceptable if determined so in practical performance tests.	The two samples both have a wider visual field				Qualified
10	Penetration of filter material	Sodium chloride	—	≤6%	A.R.	0.1%	0.1%	0.1%	Qualified
					S.W.	0.1%	0.1%	0.1%	
					M.S+T.C.	0.2%	0.3%	0.2%	
		Paraffin oil	—	≤6%	A.R.	2.0%	2.1%	2.0%	Qualified
					S.W.	2.0%	2.1%	1.9%	
					M.S+T.C.	4.9%	5.1%	4.9%	

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Test Report

[2020] WSZ FHL NO.3441

Page 4 of 5

S.No.	Test item		Unit	Technical requirements	Test result						Single item decision
					Exercises	Facing directly ahead	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side	
11	Breathing resistance	Inhalation 30 L/min	mbar	≤ 0.7	A.R.	0.3	0.4	0.4	0.3	0.3	Qualified
						0.3	0.4	0.4	0.4	0.4	
						0.4	0.4	0.4	0.3	0.3	
					S.W.	0.4	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	
					T.C.	0.4	0.3	0.3	0.3	0.3	
						0.3	0.3	0.3	0.3	0.3	
						0.3	0.4	0.4	0.3	0.3	
		Inhalation 95 L/min		A.R.	1.3	1.2	1.3	1.3	1.3	Qualified	
					1.3	1.3	1.2	1.2	1.2		
					1.2	1.3	1.3	1.2	1.2		
				S.W.	1.2	1.3	1.3	1.3	1.3		
					1.3	1.3	1.3	1.2	1.2		
					1.2	1.2	1.2	1.2	1.2		
	T.C.	1.2	1.2	1.2	1.3	1.3					
		1.2	1.3	1.3	1.2	1.2					
		1.2	1.2	1.2	1.2	1.2					
	Exhalation 160 L/min	A.R.	1.9	1.9	1.9	2.0	2.0	Qualified			
			1.9	1.9	1.9	1.9	1.9				
			1.8	1.9	1.9	1.8	1.8				
		S.W.	1.8	1.9	1.9	1.8	1.8				
			1.8	1.8	1.8	1.8	1.8				
			1.8	1.9	1.9	1.9	1.9				
		T.C.	1.8	1.9	1.9	1.8	1.8				
			1.9	2.0	2.0	1.9	1.9				
			1.8	1.9	1.9	1.9	1.9				

Test Report

[2020] WSZ FHL NO.3441

Page 5 of 5

S.No.	Test item	Unit	Technical requirements	Test result							Single item decision
12	Total inward leakage	—	At least 46 out of the 50 individual exercise results shall be not greater than 11%; And in addition,at least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall be not greater than 8%.	Exercises	E1 (%)	E2 (%)	E3 (%)	E4 (%)	E5 (%)	TIL (%)	Qualified
				A.R.	2.6	3.4	3.6	3.4	2.1	3.0	
					2.2	3.3	3.2	3.2	2.4	2.9	
					2.1	3.0	3.1	2.8	1.7	2.5	
					2.5	3.6	3.7	4.0	3.0	3.4	
					2.9	3.7	3.8	3.7	2.4	3.3	
				T.C.	3.2	3.8	3.7	4.2	2.9	3.6	
					3.3	4.8	4.4	4.7	3.8	4.2	
					3.0	4.3	4.1	4.3	3.5	3.8	
					3.1	3.9	3.8	4.0	2.9	3.5	
					3.5	4.5	4.7	4.4	3.8	4.2	
Note											

The end

Joint declaration needed

附件 1

出口方和进口方共同声明

Joint Declaration of the Exporter and the Importer

产品名称 (含规格、型号) Product Name (including specifications and model)	产品 数量 Product Quantity	中国质量标准名称或 国外质量标准名称 The Name of Quality Standards of China or the Foreign Country	进口国(地区) Importing Country/Region	生产厂商 Producer

出口方和进口方确认上述产品符合☐中国质量标准/ ☐国外质量标准(请勾选), 且符合双方协议确定的产品质量标准。进口方保证协议确定的产品质量标准符合进口国(地区)对该产品的质量标准要求, 并确认接受上述产品的质量标准。

The exporter and the importer hereby confirm that the above products are compliant with the ☐quality standards of China/ ☐quality standards of foreign country (please tick the box) and the quality standards stipulated in the agreement between the parties. The importer shall guarantee the product quality standards stipulated by the agreement are compliant with the quality requirements of the importing country/region, and shall confirm it has accepted the quality standards of the above products.

进口方承诺严格依照协议不将所购口罩用于医用用途, 并提示第三方不可用于医用用途, 如因进口方或第三方使用、维护、保管不当造成损失的, 出口方、生产厂商不承担责任。

The importer shall commit to strictly abide by the agreement and not use the face masks it purchases for medical purposes and to warn any third party against using the face masks for medical purposes. The exporter or the producer is not liable for any losses caused by the inappropriate use, maintenance or keeping of the face masks by the importer or any third party.

本声明一式两份, 双方各执一份。

This declaration is made in duplicate, one original for each party.

特此声明。

出口方(盖章)

Exporter (Seal)

年 月 日

Day/Month/Year

进口方(签字)

Importer (Signature)

年 月 日

Day/Month/Year