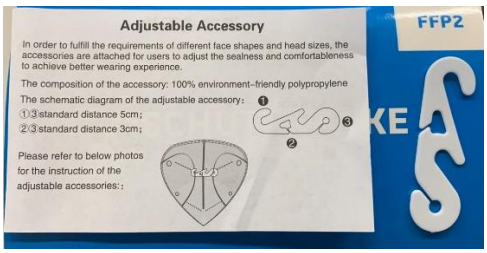
Hochqualitative FFP2 Maske, nicht steril, CE 2163

4 x 5 Stk. Verpackung

EN 149:2001+A1:2009 (NR)

PACKAGE: 20PCS/BOX, 1200PCS/CARTON

Zusätzlich inkl.: 20 x praktischer Tragbügel



Merkmale der FFP2 Maske nicht steril / CE 2163 / EN 149:2001+A1:2009 (NR)

- Zertifizierte FFP2 Schutzmaske, weiss mit Gummiohrband, nicht steril
- **EN 149:2001+A1:2009 (NR), CE 2163**
- Filterleistung: 94%
- **Testbericht von SGS** / Test-Institution mit Hauptsitz in Genf **und TÜV Rheinland**
- 3D-Form mit Nasenclip
- PSA-Produkt nach EN 149:2001+A1:2009 (NR)
- **6 hochwertige Schichten / Schmelzgeblasen**
- nicht gewebt / kein Fiberglas / kein Silicon
- 4-sprachige Verpackung und Unser-Manual
- Angenehm zu tragen mit zusätzlich praktischen Tragbügel
- 20 Stück per Box, 1‘200 per Karton, 12 kg per Karton, 7‘200 Stück pro Palette
- **3 Jahre haltbar ab Produktionsdatum**

Technische Daten

- **FFP2 mit CE 2163** Einweg-Partikelfiltermasken mit Ohrschlaufe und Nasenclip zum Schutz vor festen und flüssigen Aerosolen
- Filterleistung nach Norm: 94%
- Hersteller mit **ISO 9001** und **CE 2163,** auch anerkannt von US CDC EUA
- **Amfori zertifiziert**
- **Einstellbarer Nasenclip**
- **Zusätzlich 20 Tragbügle inklusiv**
- **Stabil und hoher Tragekomfort,** kann auch von Brillenträgern getragen werden
- Maskengröße: 10,7 x 2 x 16 cm
- **Hochqualitatives 6-lagiges Vlies** hergestellt in Melt-blown Verfahren:
  1. Schicht: hochqualitativer Vliesstoff
  2. Schicht: hochdichtes Schmelzsprühgewebe
  3. Schicht: Schmelzsprühgewebe mit hoher Dichte
  4. Schicht: Vlies aus statischer Baumwolle
  5. Schicht: hochdichtes Schmelzsprühgewebe
  6. Schicht: hochqualitativer Vliesstoff
- Verpackungseinheit: Packung mit 20 Stück per Box / 1‘200 per Karton, 7‘200 pro Palette

Item	Details	Remark
China Ministry of Commerce White List Producer	Yes	CE / US FDA EUA
CE Certificate	Universal Certifications	**NB 2163**
Classification	Acc. to PPE Regulation (EU) 2016 425	Category III
Test Report by	**SGS & TÜV**	**Swiss & German test institution**
Applied standard	EN149:2001+A1: 2009 (NR)	FFP 2 / NR
Factory ISO Certificates	9001	
Product classification	PPE	
Sterile / Non Sterile	Non Sterile	
Color	White	
Valve	Non	
Packaging	20 pcs/ box 1200 pcs/ Ctn 12 kg / Ctn	

Technisches Know-how FFP 1 / 2 / 3 Unterschiede und analoge Normen zu FFP2

FFP1	FFP2	FFP3
Feinstaub, Rauch und Aerosole auf Wasser- & Ölbasis Grenzwert AGW: 4-fach **Schutz vor:** Ungiftige Stäube (z.B. Zellstoff, Zement, Gips, Kalkstein, Pollen, Zucker etc.)	**Gesundheitsschädliche und krebserregende Stäube auf Wasser- & Ölbasis** Grenzwert AGW: 10-fach **Schutz vor:** Giftige Stäube (z.B. Kalziumoxid, Betonstaub, Granit, Silikon, Natrium, Zinkoxidrauch etc.)	**Gesundheitsschädliche und krebserregende Stäube auf Wasser- & Ölbasis** Grenzwert AGW: 30-fach **Schutz vor:** Giftigen und gesundheitsschädlichen Stäuben, Rauch und Aerosolen
schützt z.B. bei folgenden Tätigkeiten: ▪ Hobeln, Reinigungsarbeiten (Hausstaub), Landwirtschaft (Heu, Getreide, Mehl etc.) ▪ Schleifen, Schneiden und Bohren von Beton, Mauerwerk, Eisen, Rost ▪ Reinigung mit auftretendem Staub ▪ Einsatz bei Pollenallergie	schützt z.B. bei folgenden Tätigkeiten: ▪ Schleifen, Schneiden und bohren von Zement, Holz, Stahl, Farben, Lacken, Rost, Kunststoff ▪ Schweißen von Baustahl & Zink ▪ Umgang mit Schimmel oder Bakterien der Risikogruppe 2	schützt z.B. bei folgenden Tätigkeiten: ▪ Schleifen, Schneiden und Bohren von hochlegiertem Stahl ▪ Schweißen von Edelstahl oder Thorium-Elektroden ▪ Arbeiten mit Asbest, Dieselruß/-rauch ▪ Umgang mit Viren und Bakterien der Risikogruppe 3

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 (GB2626-2006)	P2 (AS/NZ 1716:2012)	Korea 1st 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	Depressurization to 0 Pa ≥ 20 sec	Leak rate ≤ 30 mL/min	visual inspection after 300 L /min for 30 sec	Depressurization 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.

Anwendung von FFP 2 Masken

FFP2 Masken ohne Ventil schützen den Träger und das Umfeld. Alle Masken mit Ventil schützen nur den Träger da die Luft durch das Ventil ungefiltert entweicht. Sie schützen gegen gesundheitsschädliche Partikel auf Wasser- und Öl-Basis, nicht jedoch gegen krebserzeugende Stoffe, radioaktive Partikel, luftgetragene biologische Arbeitsstoffe der Risikogruppe 3 und Enzyme.

Die Gesamtleckage (Undichtigkeit) beträgt maximal 8%, mindestens 94% der Schadstoffe werden aus der Luft gefiltert.

Typische Anwendungen für eine FFP2-Maske sind beispielsweise der Umgang mit Weichholz, Glasfasern, Metall, Kunststoffen (nicht PVC) und Öl-Nebel.

Das Robert Koch-Institut (RKI) und BAG empfiehlt zur Behandlung und Pflege von Patientinnen und Patienten mit einer Infektion durch das Corona-Virus SARS-CoV-2 FFP2-Masken sowie FFP3-Masken.

Locker sitzende Mund-Nasen-Schutzmasken verhindern nicht, dass Personen ihr Umfeld mit ausgeatmeten Tröpfchen kontaminieren. Der Träger selbst ist damit nur eingeschränkt geschützt, denn die Maske bietet keinen ausreichenden Schutz gegen Aerosole (feinste, in der Luft getragen Tröpfchen).

Dicht anliegende FFP-Masken schützen den Träger zuverlässig vor Viren. Diese Atemschutzmasken filtern auch kleinste Partikel und Aerosole aus der Luft. Masken mit Ausatemventil bieten höheren Tragekomfort. Atemschutzmasken ohne Ausatemventil verhindern jedoch zusätzlich, dass der Maskenträger sein Umfeld mit ausgeatmeten Tröpfchen kontaminiert. FFP-Masken gibt es in verschiedenen Schutzstufen.

CE Zertifikat von Universal Certifications NB 2163

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Verify the validity with the QR code

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NB 2163

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.

CE
2163

Suat KAÇMAZ
UNIVERSAL CERTIFICATION
Director

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NB 2163

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.

CE
2163

Suat KAÇMAZ
UNIVERSAL CERTIFICATION
Director

Verify the validity with the QR

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Technical assessment report NB 2163

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TECHNICAL ASSESSMENT REPORT

REPORT DATE / NO: 12.05.2020 / 2163-KKD-674

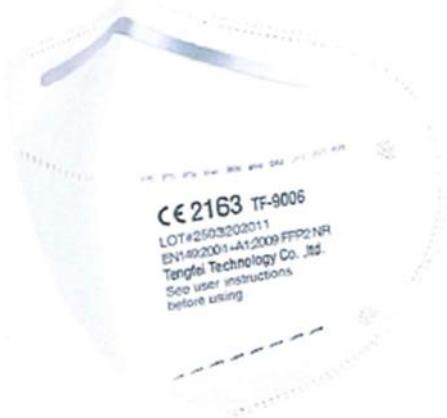
Manufacturer: TENGFEI TECHNOLOGY CO., LTD.
Address: No. 111, Tongqiu Road, Zhangpu Town, Kunshan City, Jiangsu Province, China

This report is for the, given above, manufacturer prepared according to the test results obtained from Jiangsu Guojian Testing Technology Co., Ltd. laboratory accredited by CNAS (China National Accreditation Service), signatory to ILAC MRA, with number L10118 for the product identified below, received on 29.04.2020 with Serial Id (2020) WSZ FHL NO. 3441 based on EN 149: 2001 + A1: 2009 standard and the technical file dated 09 May 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 cient.

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: TF-9006



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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 prossible level. The test resuts with human subjects did not report any problem with the ergonomics of the product.

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. The manufacturer declares in his technical file that according to the results of risk analysis and the material properties they use in the manufacturing, the product has no hazardous content for health.

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. The material selection is processed in the technical manufacturing process and documented.

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 is evaluated and reported in the test report.

1.2.1.3. Maximum permessible user impediment

Any inpediment 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 guestion;
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

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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. The product is for single use and tested with simulated wearing conditioning.

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 lor 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 temarature 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/ earloops comfort, security of fastenings and field of vision. Also no imperfactions 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 Lekage test is conducted by 10 individual in an aerosol chamber with a walking band, and samples are taken during the condcution 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; All 50 exercise measurement results are smaller or equal to 11%, results varies between 1,7 % and 4,8 % All 10 individual's arithmetic mean is smaller or equal to 8%, results varies between 2,5 % and 4,2 % **According to the reported results, the product meets the limits for FFP1 and FFP2 classification.**

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.)	-	0,1	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, FFP2 and FFP3** classes.
(A.R.)	-	0,1		
(A.R.)	-	0,1		
(S.W.)	-	0,1		
(S.W.)	-	0,1		
(S.W.)	-	0,1		
(M.S. T.C.)	-	0,2		
(M.S. T.C.)	-	0,3		
(M.S. T.C.)	-	0,2		

Article 7.9.2

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

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

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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.)	-	2,0	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, FFP2** classes.
(A.R.)	-	2,1		
(A.R.)	-	2,0		
(S.W.)	-	2,0		
(S.W.)	-	2,1		
(S.W.)	-	1,9		
(M.S. T.C.)	-	4,9		
(M.S. T.C.)	-	5,1		
(M.S. T.C.)	-	4,9		

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.)	-	0,1 s	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.)	-	0,1 s		
(T.C.)	-	0,1 s		
(T.C.)	-	0,1 s		

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.)	-	0,08	0,08 [%]	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.)	-	-			
(A.R.)	-	-			

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 FFP1, FFP2 and FFP3 classes. This is valid for inhalation results for 30 L/min, 95 L/min and exhalation at 160 L/min. The measurement details for each single mask tested are available in the test report.

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 TF-9006 version A1. Face Mask. The mask template (drawing) indicates that the mask will carry information about 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 technical marking instructions for serial production. TF-9006 drawing exists in the technical file of the manufacturer as Annex 6 of technical file. CE 2163 TF-9006 LOT#2503202011 EN149:2001+A1:2009 FFP2 NR Tengfei Technology Co. ,ltd. See user instructions before using CE 20.13mm CE 2163
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 commertially available package.

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

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ISO 9001 Certificate

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, Jiangshu Province, China P.C 215321
Audition Address:	111#Tongqiu Road, Zhangpu Town, Kunshan City, Jiangshu 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.

Products

TÜVRheinland®
Precisely Right.

Test Report No.: 244264441a 001

Client: **TENGFEI TECHNOLOGY CO., LTD.**

Contact Information: No. 111 Tongqiu Road, Zhangpu Town, Kunshan City, Jiangsu Province, China

Contact Person: Kitty Chang

Sample Description As Declared :

No. of sample	80pcs
Product Description	Effective particle Filtering Mask-Earloop
Material	Non-woven/ Melt-blown
Lot No./ Batch Code	2020081202
Model No.	TF-9006
Colour	White
Manufacturer	Kitty Chang/ No.111 Tongqiu Road, Zhangpu Town, Kunshan City, Jiangsu Province, China
Country of Original	Jiangsu, China
Sales Destination	EU
Test Type	Partial test
Product Type	Single shift use only
Claimed Classification	FFP2

Sample obtaining method: Sending by customer

Sample Receiving date: 2020-09-04
Delivery condition: *Apparent good, Samples tested as received*
Test Period: 2020-09-07 to 2020-09-23

Test Specification:	*Test Result*
EN 149:2001 + A1:2009 Respiratory Protective Devices – Filtering Half Masks to Protect against particles- Requirements , testing marking	*Please refer to next page*

For and on behalf of

TÜV Rheinland (Shanghai) Co., Ltd.

Candy Jiang

2020-09-23 Candy Jiang/ Technical Manager

Date *Name/Position*

Test result is drawn according to the kind and extent of tests performed.
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TÜV Rheinland Building, No. 177 , Lane 777, West Guangzhong Road, Jing'an District, Shanghai, 200072, P.R.China
Tel +86 21 6108 1188 Fax +86 21 6108 1099 Mail: service-gc@tuv.com Web: www.tuv.com

Clause	Item	M001
7.3	Visual inspection	N/R
7.4	Package	M
7.5	Material	M
7.6	Cleaning and disinfection	N/A
7.7	Practical performance	M
7.8	Finish of parts	M
7.9.1	Leakage	M
7.9.2	Penetration of filter material	M
7.10	Compatibility with skin	M
7.11	Flammability	M
7.12	Carbon dioxide content of the inhalation air	M
7.13	Head harness	M
7.14	Field of vision	M
7.15	Exhalation valve(s)	N/A
7.16	Breathing Resistance	M
7.17	Clogging	N/A
7.18	Demountable parts	M
9	Marking	N/R

Note : M = Meet Performance Standard
N/R = Not Request
N/A = Not Applicable
F = Below Performance Standard
* = No Submitted Information
M# = Refer to result page

Material list

Material No.	Material	Color/Pattern	Location
M001	Whole Product	White	Effective particle Filtering Mask-Earloop

1. Visual inspection

Test method : EN 149:2001+A1:2009 Clause 8.2

Clause	Item	M001
7.3	The visual inspection shall also include the marking and the information supplied by the manufacturer.	N/R
7.4	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.	Pass
7.5	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.	Pass
	After undergoing the conditioning described in 8.3.1 none of the particle filtering half masks shall have suffered mechanical failure of the face piece or straps.	Pass
	When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask shall not collapse.	Pass
	Any material from the filter media released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer.	Pass
7.8	Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs	Pass
7.18	All demountable parts (if fitted) shall be readily connected and secured, where possible by hand.	Pass

Remark:
N/R: Due to not request

2. Practical performance

Test method : EN 149:2001+A1:2009 Clause 8.4 & 8.5

Clause	Item	M001
7.7	Wearing	Pass
7.7	Walking test	Pass
7.7	Work simulation test	Pass
7.10	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	Pass
7.13	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	Pass
7.14	The field of vision is acceptable if determined so in practical performance tests	Pass

3. Leakage

Test method : EN 149:2001+A1:2009 Clause 8.5
Requirement : FFP2:
At least 46 out of the 50 individual exercise results for total inward leakage ≤11%
At least 8 out of the 10 individual wearer arithmetic means for the total inward leakage ≤ 8%

M001								
Subject	Condition	Specimen No.	Leakage (%)					
			Walk	Head Side/side	Head Up/down	Talk	Walk	Mean
BM	As received	1	6.697	5.382	4.975	5.255	6.367	5.735
ACH		2	6.143	5.306	4.861	6.033	6.184	5.705
ML		3	5.996	5.174	5.263	6.028	6.247	5.742
LLC		4	5.317	4.236	4.143	5.627	6.206	5.106
DG		5	5.793	5.136	5.003	6.213	6.096	5.648
SG	After conditioning	6	5.990	5.241	5.056	5.237	5.115	5.328
YL		7	6.037	4.636	4.601	6.337	6.275	5.577
KQ		8	5.431	4.363	4.968	5.993	6.143	5.380
KXH		9	6.338	5.266	5.030	6.506	6.617	5.951
LL		10	5.033	4.166	4.837	5.047	5.936	5.004
Conclusion		Pass						

Facial Dimension Of Subject (mm)										
Subject	BM	ACH	ML	LLC	DG	SG	YL	KQ	KXH	LL
Face length	135	127	120	120	130	135	115	120	130	121
Face width	160	159	133	140	145	155	135	135	155	163
Face Depth	130	122	115	115	132	132	118	115	120	142
Mouth Width	52	55	52	50	50	55	48	50	52	45

4. Flammability

Test method : EN 149:2001+A1:2009 Clause 8.6
Requirement : ≤5s

M001				
Item	Condition	Specimen No	Test results	Conclusion
1.4Afterflame time (s)	As received	1	1.1	Pass
		2	1.5	
	After conditioning	3	1.2	
		4	1.4	

5. Carbon Dioxide Content Of The Inhalation Air

Test method : EN 149:2001+A1:2009 Clause 8.7
Requirement : ≤1%

M001.						
Item	Condition	Test results				Conclusion
		Specimen 1	Specimen 2	Specimen 3	Mean	
Content (%)	As received	0.62	0.63	0.61	0.62	Passl

6. Breathing Resistance

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

Requirement : FFP2:
Inhalation: 30l/min: ≤0.7mbar
Inhalation: 95l/min: ≤2.4mbar
Exhalation: 160l/min:≤3.0mbar

M001																
Flow rate (l/min)		Resistance (mbar)														
As received		Specimen 1					Specimen 2					Specimen 3				
		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
Inhalation	30	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	95	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
Exhalation	160	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6
Simulated wearing treatment		Specimen 4					Specimen 5					Specimen 6				
		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
Inhalation	30	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	95	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
Exhalation	160	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Temperature conditioned		Specimen 7					Specimen 8					Specimen 9				
		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
Inhalation	30	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	95	1.8	1.8	1.8	1.8	1.8	1.5	1.5	1.5	1.5	1.5	1.8	1.8	1.8	1.8	1.8
Exhalation	160	2.7	2.7	2.7	2.7	2.7	2.4	2.4	2.4	2.4	2.4	2.7	2.7	2.7	2.7	2.7
Conclusion		Pass														

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

7. Penetration Of Filter Material

Test method : EN 149:2001+A1:2009 Clause 8.11
Requirement : FFP2: ≤6%

M001			
Aerosol	Condition	Specimen No.	Penetration (%)
Sodium chloride Penetration	As received	1	0.067
		2	0.068
		3	0.107
	Simulated wearing treatment	4	0.103
		5	0.073
		6	0.132
	Mechanical strength + Temperature conditioned @ Exposure test of 120mg	7	0.089
		8	0.102
		9	0.126
Paraffin oil Penetration	As received	10	0.458
		11	0.617
		12	0.608
	Simulated wearing treatment	13	0.626
		14	0.645
		15	0.542
	Mechanical strength + Temperature conditioned @ Exposure test of 120mg	16	1.116
		17	1.128
		18	1.418
Conclusion	Pass		

Photo:

END -

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Tengfei Technology Co., Ltd.
No. 111, Tongqiu Road, Zhangpu Town,
Kunshan City, Jiangsu Province, China
24th July, 2020

Confirmation letter

Dear Customer,

This is to confirm that we use a different definition of Model type: ***TF-003*** in the test report No. QDHL2004002636MD, issued by SGS-CSTC Standards Technical Service (Qingdao) Co., Ltd. date May 26, 2020.

This same FFP2 Particulate Filtering Mask is also named as ***TF-9006*** which is also a qualified product by ***CE-NB 2163*** and a FDA EUA product.

Best Regards

Yours Sincerely

Tengfei Technology Co., Ltd.

SGS –Testbericht nach EN149:2001+A1:2009 (NR)

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.

scan to see the report
QDHL2004002636MD

Jessica Gao
Approved Signatory

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	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	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

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%	

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	Qualified
				Sample 2: no collapse	
				Sample 3: no collapse	
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

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%	

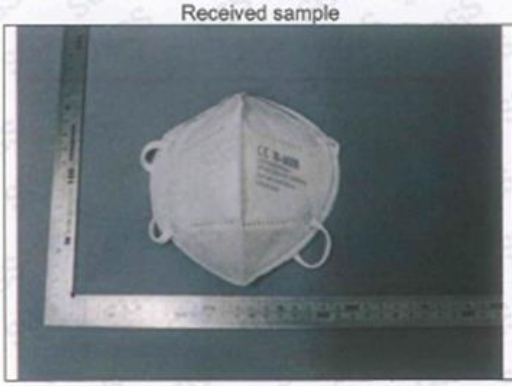
S.No.	Test item		Unit	Technical Requirements	Test result						Single item decision
					Exercises	Facing directly ahead	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side	
11	Breathing resistance	Inhalation 30 L/Min	Mbar	≤0.7	A.R.	0.5	0.6	0.5	0.6	0.5	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	
		Inhalation95 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	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	

S.No	Test item	Unit	Technical Requirements	Test result								Single item decision
				Exercises		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.).

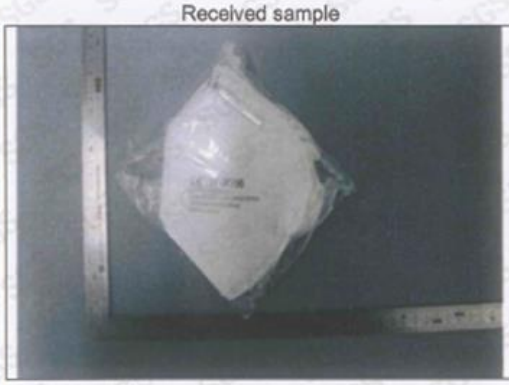
Sample Photo:

Received sample

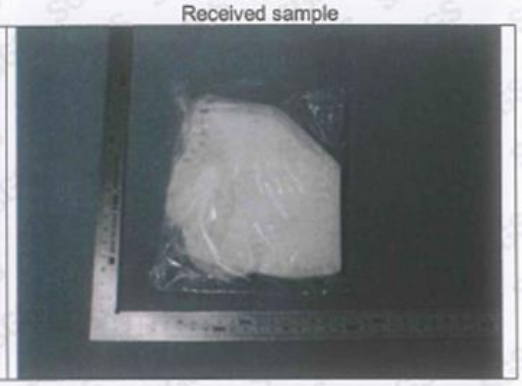


Received sample

Received sample



Received sample



SGS authenticate the photo on original report only

End of Report

Amfori Zertifikat

Weltklasse-Tools zur Verwaltung der sozialen und ökologischen Leistung Ihrer Lieferketten und zur Antizipation zukünftiger Trends

Producer : Tengfei Technology Co., Ltd
DBID : 390209 and Audit Id : 178172 Audit Date : 16/04/2020
Audit Type : Follow-up Audit

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Trade with purpose

Auditee :	**Tengfei Technology Co., Ltd**
Audit Date From :	**16/04/2020**
Audit Date To :	**17/04/2020**
Expiry Date of the Audit :	**Please refer to the producer profile in the amfori BSCI platform**
Auditing Company :	**TUEV SUD**
Auditor's Name(s) :	**Christmilla Zhang(Lead)**
Auditing Branch (if applicable) :	**TUV SUD China**

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