

REF HS0701A

FFP3 Maske / FFP3 Mask

Persönliche Schutzmaske

Personal Protective Mask



CE1463

EN 149: 2001+A1: 2009



1 PC/OPP

20 PCS/box

1200 PCS/carton

18000 PCS/pallet



FFP3-MASKE

HYCISUN®

REF HS0701A

PERSÖNLICHE SCHUTZMASKE EN149:2001+A1:2009

Faltbare Partikel -Atemschutzmaske

Hohe Filtrationseffizienz Geringer Atemwiderstand Bequem zu tragen

20Stück @ Einmalgebrauch

C€₁₄₆₃

C€1463

20stück @ Einmalgebrauch

€ 1463

Bequem zu trage

Bedienungsanleitung Fitting instructions



Nehmen Sie die Maske an den Obrschlaufen in die Hand und drücken Sie diese mit dem Bügel auf den Nasenrücken gegen Ihr Gesicht, während Sie die Ohrschlaufen hinter Ihren Ohren positionieren.

Take the mask by the ear loops in your hand and press it against your face with the strap on the bridge of your nose while you position the ear loops behind your ears.



Formen Sie den Bügel mit beiden Hönden in die Form Ihrer Nose. Shape the nose dip into the shape of your nose with both hoods.



Testen Sie die Passform, Nehmen Sie beide Hände über die Aremschutzmaske und atmen Sie kräftig aus. Wenn Luft um Ihre Nase strömt, ziehen Sie den Bügel fester.

Test the correct fit. Put both hands over the respirator and exhale for aftily. When air flows out around your nose, press the nose cip fighter.

HINWEIS ZUR VERWENDUNG: / NOTICE FOR USE:

Bitte verwenden Sie dieses Produkt nicht in der Nühe einer Feuerquelle.

Please da not use this product near tire sources.

Do as sich bei dassem Produkt um eine Einwegmaske handelt, kann as nicht durch Waschen wiederverwendet werden.

As this product is a disposable mask, it cannot be reused through washing.

-Van hohen Temperaturen und Luffleuchtigkeit fernhalten und an einem sauberen Ortaufbewahren.

Keep a away from high temperature and humidity and keep it in dean place.

Personline Schutzmaske, Nicht medizinisch.

personal protective mask, non medical.

Verwenden Sie einzeln verpockte Produkte, sobold diese ausgepooks sind.

Use individually podraged products as seen as they are unpecked.

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HYCISUN® REF HS0701A

Foldable Particulate Respirator

High filtration efficiency Low respitationy resistance More comfortable to wear

20_{PCS}

2 SINGLE USE

C€ 1463

C€ 1463

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S SINGLE USE

€ 1463

FFP3 Maske EN149:2001+A1:2009



MPORTANT: The respiratory protection mask FFP3 is designed to protect from pollen, virus and industrial dust.

ANWENDUNG: / APPLICATION:

Die Maske wird in der Schutzindustrie bei Staubentwicklung, während des Baus zur Staubverhütung, beim Metallguss, Steinabbau, in der Elektronik, Pharmazie, der physikalischen Verarbeitung und beim Schleifen verwendet und bietet einen guten Schutz gegen Sandstürme, Dunst und PM2.5. Kann wirksam vor Pollenallergien, Virusubertragung usw. schützen.

It is used in the industry for dust generation during construction, dust prevention, metal casting, stone mining, electronics, pharmaceutical, physical processing and grinding. It also offers good protection against sandstorms, haze and PM2.5. Can effectively protect pollen allergy, virus transmission, etc.

VERFALLSDATUM: / EXPIRATION DATE:

The storage temperature is $-20^{\circ}38^{\circ}$ C, the storage is moderate \leq 80%. The validity period is 2 year in the dry indoor environment.



Changsha Zejiu Technology Co., Ltd Block 1, Smart Tech Park, 57# Huangxing Avenue, Changsha Economic and Technological Development Zone, Changsha, Hunan, China



Sunbeam International GmbH Schomanstr, 12, 52146 Würselen, Germany















Persönliche Schutzmaske Personal Protective Mask

1Stück/ Piece

1Stück/ Piece

Einsatzbereich / RANGE OF APPLICATIONS:

Geeignet zum Schutz gegen Pulver, PM2.5-Dunst, Bakterien, Speichel, Staub usw. Die Gesichtsmasse ist winddicht und schutzt das Gesicht vor Kälte

suitable for protection against powder,PM2.5 smog, particulates, flu, bateria, saliva, dust etc.The face mask#s good for wind proof and protection the face against cold weather.

Vorsichtsmaßnahmen:

1. Halten Sie die Gesichtsmaske vor dem Gebrauch sauber und perühren Sie nicht die innenseite.

2. Steilen Sie sicher, dass die Gesichtsmaske zum Gesicht passt, indem Sie das Nasenstück einstellen und die Maskenkante nahe am Gesicht halten.

3. Überprüfen Sie die Luftdichtung der Maske, Verwenden Sie glese, nicht, wenn die Gesichtsmaske gebrochen ist, ein Loch oder eine Undichtigkeit aufweist.

Waschen Sie die Gesichtsmaske nicht mit Wasser der Wasser die Filterfähigkeit und den Schutz beeinträchtigt.

5.Dunsten Sie die Gesichtsmaske nicht und stellen in Sie Sie in die Mikrowette

6.Halten Sie die Maske von Dampfen, Oien, Chemits en . Farben, Flüssigkeiten, Sauren und Laugen fern. 7.Entsorgen Sie die Gesichtsmaske, wenn sie ziemlich schmutz er

wird oder der Atemwiderstand offensichtlich zunimmt.

Tragemethode / WEARING METHOD:

Öffnen Sie die Maske und legen Sie es auf den Nasenrücken an. wenn Sie die Maske angezogen haben, drücken Sie auf den Nasenrucken, um sie zu schließen.

Open the mask and place the bridge of the nose on it. After wearing the mask, press the bridge of the nose to close it. The protective effect is better.

CALITIONS

 Keep the face mask clean before use, do not touch the inner side of facemask.

 Ensure the face mask fit to face, by adjusting the nosepiece, keeping mask edge close to face.

a Check the air sealing of mask, do not use if the imask is broken or with hole or leakage. In Do for wash the facemask with water, water astroy filtering ability and protection. In the conversion of the put.

the face mask away from vapor, oils, cats, paints, liquid, and, alkaline objects. The face mask when it gets quite the breathing resistance increase obviously











ANLEITUNG

Norm:

Dieses Produkt entspricht der Norm EN149:2001 + A1:2009 für Atemschutzgeräte – Halbmaske zur Filterung zum Schutz vor Partiskeln, Diese Filtermasken sind gemäß der Verordnung der Europäischen Kommission (EU) 2016/425 über PSA als Persönliche Schutzausrüstung in der Kategorie III eingestuft und entsprechend gekennzeichnet.

Bestimmungsgemäße Verwendung:

Die Staubmaske ist als Kategorie FFP 3 eingestuft. Sie schützt vor Partikeln, Nebel, Rauch und Aerosolen auf Ölbasis. Die Verpackung schützt die Massle vor der Verwendung, Schützt wirksam vor Pollen, Die Massle kann nur zum persönlichen Schutz verwendet werden, nicht für medizinische Zwecke. Maske nicht bei der Brandbekämpfung und in explosionsgefährdeten Bereichen nutzer.

Dichtsitztest

- 1. Bedecken Sie die Maske vorsichtig mit beiden Händen ohne den Dichtsitz zu verändern.
- 2.stark Ausatmen:
- 3.Bei einer Leckage im Nasenbereich, den Nasenbügel neu anpassen. Dichtsitzprüfung wiederholen.
- 4.Bei einer Leckage am Maskenrand, den Sitz der Bänder überprüfen und anpassen. Dichtsitzprüfung

Wenn Sie KEINEN richtigen Dichtsitz erreichen können, betreten Sie NICHT den Gefahrenbereich. Informieren Sie ihren Vorgesetzten.

Warnungen und Einschränkungen:

Vergewissern Sie sich immer, dass das Produkt:

Geeignet ist für die Anwendung;

Korrekt angelegt ist:

Während des gesamten Aufenthalts im Gefahrenbereich getragen wird;

Ersetzt wird, wenn notwendig.

 Richtige Auswahl, Schulung, Gebrauch und gegebenenfalls Reinigung sind die Voraussetzungen dafür, dass das Produkt den Anwender vor bestimmten luftgetragenen Gefahrstoffen schützt.

Die Nichtbefolgung aller Anweisungen zur Anwendung der Maske und/oder die Fehlbenutzung während des Aufenthaltes im Gefahrenbereich kann die Gesundheit des Anwenders beeinträchtigen

und zu schweren Erkrankungen oder Dauerschäden führen.
Beachten Sie bei der Auswahl und richtigen Anwendung nationale Bestimmungen und alle mitgeliefer ten Informationen.

 Vor Gebrauch muss der Anwender, in Übereinstimmung mit den nationalen Regeln, in der funktions gerechten Handhabung geschult sein.

Dieses Produkt schützt nicht vor Gasen und Dämpfen.

Verwenden Sie die Maske nicht in Umgebungen mit weniger als 19.5% Sauerstoff

Verwenden Sie die Masken nicht in Umgebungen mit unbekannten Gefahrstoffen oder Konzentrationen, die die zulässigen Höchstwerte übersteigen.

 Verwenden Sie die Maske nicht, wenn Gesichtshaare im Bereich des Dichtrandes einen korrekten Dichtsitz der Maske verhindern.

Verlassen Sie sofort den belasteten Bereich, wenn:

a) Das Atmen schwer fällt.

b) Schwindel oder andere Beschwerden auftreten.

c) Die Maske beschädigt wird.

c) Die Maske beschädigt wird.

d) Geruch oder Geschmack des Gefahrstoffs oder eine Reizung auftritt.
 Entsorgen und ersetzen Sie die Maske, wenn sie beschädigt ist, der Atemwiederstand stark erhöht ist oder am Ende einer Schicht.

Die Maske darf niemals verändert oder repariert werden.

Die Maske ist zum einmaligen Gebrauch vorgesehen und ist danach entsprechend der nationalen Vorgaben zu entsorgen.

Transport und Lagerung:

Die Partikelmasken haben eine Lagerdauer von 2 lahren. Das Ende der Lagerdauer ist auf der Verpackung angegeben. Vergewissens Fis sich vor Gebrauch immer, dass das Produkt noch innerhalb der Lagerdauer liegt. Das Produkt sollte saubet, trocken und im Temperaturbereich von -20°C bis +38°C bei einer maximalen et Luffteuchtügket von 80% gelagert werden. Für Lagerung

und Transport die Originalverpackung verwenden. Nicht direkter Sonnenstrahlung aussetzen.



Mask Mate - Belt Extention Kit

Put the belt across the semi-sealed hook, then put the opposite belt to match your head size



Instruction Image



type II



Instruction Image



type III

type II

type I







ADD: Block 1, Smart Tech Park, #57 Huangxing Avenue, Changsha Economic and Technological Development Zone, Changsha, Hunan, China

EU-KONFORMITÄTSERKLÄRUNG

Diese Konformitätserklärung wurde unter der alleinigen Verantwortung des Herstellers

Changsha Zejiu Technology Co., Ltd

Block 1, Smart Tech Park, 57 # Huangxing Avenue, Changsha Economic and Technological Development Zone, Changsha, Hunan, China

ausgestellt.

EG-Vertreter: Sunbeam International GmbH, Schumanstr.12, Würselen 52146 Deutschland

Hiermit wird erklärt, dass die folgende persönliche Schutzausrüstung (PSA)

Produktbeschreibung: HYGISUN Partikelfilter-Halbmaske

Produktmodell (e): HS0701A FFP3 NR

den Bestimmungen der folgenden europäischen Verordnung entspricht:

PSA-Verordnung (Persönliche Schutzausrüstung)

Das Modell entspricht den Bestimmungen der Verordnung (EU) 2016/425, PSA zur Verwendung durch Angehörige der Gesundheitsberufe gemäß der Empfehlung der Kommission 2020/403 und der Nationalen Norm zur Umsetzung der harmonisierten europäischen Normnummer (n):

EN 149: 2001 + A1: 2009

und ist identisch mit der PSA, die Gegenstand einer EU-Typprüfung ist (Modul B der Verordnung (EU) 2016/425), auf die auf der Zertifikatsnummer verwiesen wird:

Zertifikat Nr.: CE CW/PPER/48/12/2020 (Ausstellungsdatum: 16/12/2020)

herausgegeben von Polski Rejestr Statkow S.A.

al. Gen. Jozefa Hallera 126, 80-416 Gdansk, Poland (Notified Body No. 1463)

und entspricht den Verfahren in Modul C2 der Verordnung (EU) 2016/425 unter der Überwachung der Polski Rejestr Statkow S.A. (Notified Body Nr. 1463), auf die auf dem vom PRS ausgestelltem Zertifikat CE CW/PPER/48/12/2020 (Ausstellungsdatum:

16/12/2020) verwiesen wird.

Changsha, China, 16.12/2020

Źhao Jianxiong

(Nachname Name)

Qualitätsmanager

Changsha Zejiu Technology Co., Ltd

取得国外标准认证或注册的非医用口罩生产企业清单

Name List of Non-Medical Use Face Masks Companies with Certification/Authorization from other Countries

Updated: 15 December, 2020

序号 No.	生产企业 Company	统一社会信用代码 Uniform Social Credit Code	国外注册认证情况 Status of Certification / Authorization in Other Countires
1250	原文区被基医市基州市现在间 Holloughing Yinjin Medical Equipment Co., Ltd.	91238 KOSSBALICHTSONY	CE
1298	男共民で用言語の有限の同 Allmed Medical Products Co.LM	51-0205657391-000 (50H	CE
1240	直用料就是計有關公司 Lean Technology Co., LM.	914080007968528655	Œ
1110	中原料技术协会报业司 NUNTO Technology Co., Ltd.	94.03030000442300060	CI CI
1243	长沙泽久科技有限公司 Changsha Zejiu Technology Co., Ltd (持证公司: Sunbeam International GmbH)	91430105MA4LAAUW8C	CE
1294	立等会民党委主义化有限企司 Changes Vergingtong Health College Co., Ed.	HUMIOMANWINHES	CI
1295	在基础建图疗科技有限合同 Jangeo Nacoli Miclical Technology Co.,Ltd	911084129462188075/	cs
15%	医多基性变生食器合用 Jangan Haoyan Industrial Co.Ltd.	91323325331044921	CE
1267	展示を高句法(また書)を用さり Ti Xino Pocking Products (Lineyongang) Co., List.	STOCKTOSSHALD-RESIAMS	CE
1218	正立案亦是其有限公司 Komban Grow Appard Co.EM	9152058500150Q3T3C	Œ





AC 114

CERTYFIKAT BADANIA TYPU UE (MODUŁ B) EU TYPE-EXAMINATION CERTIFICATE (MODULE B)

CW/PPER/48/12/2020

ZAŚWIADCZA SIĘ,

że Polski Rejestr Statków S.A. (PRS) przeprowadził procedurę badania typu wymienionego niżej wyrobu i stwierdził jego zgodność z wymaganiami określonymi w załączniku V do Rozporządzenia Parlamentu Europejskiego i Rady (UE) 2016/425 (PPE) w sprawie środków ochrony indywidualnej oraz uchylenia dyrektywy Rady 89/686/EWG, ze zmianami.

THIS IS TO CERTIFY

that Polski Rejestr Statków S.A. (PRS) did undertake the EU type-examination procedure for the product identified below which was found to be in compliance with the requirements of Annex V to the Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC, as amended.

Wnioskodawca **Applicant**

Sunbeam International GmbH

Schumanstr. 12,

52146 Würselen, Germany

Producent Manufacturer

Sunbeam International GmbH

Schumanstr. 12,

52146 Würselen, Germany

Typ wyrobu Product type

Sprzęt ochrony układu oddechowego. Półmaski filtrujące do ochrony przed cząstkami.

Respiratory protective devices. Filtering half masks to protect against particles.

Opis wyrobu Product description Ochronna maska oddechowa, model: HS0701A (klasa FFP3 NR).

Personal Protective Respirator Mask, Model: HS0701A (class FFP3 NR).

Zastosowane normy Specified standards

PN-EN 149+A1:2010 EN 149:2001+A1:2009

Niniejszy certyfikat pozostaje ważny do czasu unieważnienia przy zachowaniu warunków uznania (patrz str. 2). This certificate remains valid unless cancelled or revoked, provided the approval conditions (see page 2) are complied with.

Data ważności Expiry date

2025-12-15

Dyrektor Pionu Certyfikacji Certification Division Director

Michał Chudziński

Gdańsk, 2020-12-16

Nr jednostki notyfikowanej No. of notified body

1463

Polski Rejestr Statków S.A. al. Gen. Józefa Hallera 126 80-416 Gdańsk, Poland

tel. (+48) (58) 346 17 00 fax (+48) (58) 341 77 69 e-mail: dc@prs.pl

www: http://www.prs.pl/

Wykaz dokumentacji List of documents

- 1. Instrukcja użytkowania zatwierdzona przez PRS S.A. dnia 2020-12-15.
- 2. Ocena ryzyka zatwierdzona przez PRS S.A. dnia 2020-12-15.
- 3. Dokumentacja techniczna "Ochronnej maski oddechowej, model: HS0701A"-zatwierdzony przez PRS S.A. dnia 2020-12-15.
- 4. Raport z badań nr 244273209a 002 wydany przez TUV Rheinland (Shanghai) Co., Ltd z akredytacją CNAS L3038 z dnia 2020-11-18.
- 5. Sprawozdanie z przeglądu PRS S.A. nr CW/KKr/PPER/67/2020 z dnia 2020-12-16.
- 1. Instuction of use approved by PRS S.A. on 2020-12-15.
- Risk analysis approved by PRS S.A. on 2020-12-15.
- Technical documentation "Personal Protective Respirator Mask, Model: HS0701A"approved by PRS S.A. on 2020-12-15.
- 4. Test report No. 244273209a 002 issued by TUV Rheinland (Shanghai) Co., Ltd. with CNAS accreditation no. L3038 dated on 2020-11-18.
- 5. PRS S.A. Survey Report No. CW/KKr/PPER/67/2020 dated on 2020-12-16.

Miejsca produkcji (inne niż podane na stronie 1) *Places of production*

Changsha Zejiu Technology Co., Ltd.

Block 1, Smart Tech Park, #57 Huangxing Avenue,

(different than given on page 1) Changsha Economic and Technological Development Zone,

Changsha, Hunan, China

Ograniczenia uznania Approval limitations

- 1. Dane techniczne:
 - a) maska ochronna z regulowanym klipsem na nos,
 - b) klips na nos montowany wewnątrz maski ochronnej,
 - c) maska ochronna wykonana z 5 warstwowej włókniny z filtrem z tkaniny,
 - d) maska ochronna wyposażona w zauszniki,
 - e) maska ochronna bez zaworu,
 - f) wymiary: 155 mm ± 1 mm x 105 mm ± 1 mm,
 - g) docelowa grupa użytkowa: dorośli dla obu płci,
 - h) kolory:

maska ochronna	zauszniki	klips na nos	zawór
biała	białe	n/d	n/d

- 2. Maska ochronna przeznaczona do jednorazowego użytku.
- 3. Dokumentacja techniczna zatwierdzona w języku angielskim.
- 4. Produkt ten nie może być stosowany jako maska przeciwgazowa w środowisku toksycznym.
- 5. Maska ochronna nie powinna być używana w środowisku o stężeniu tlenu poniżej 19.5 %.
- 6. Maska ochronna nie jest przeznaczona do użytkowania medycznego i chirurgicznego.
- 1. Specifications:
 - a) protective mask with adjustable nose clip,
 - b) nose clip mounted inside the protective mask,
 - c) protective mask made with 5 layers non-woven fabric with melt-blown fabric filter,
 - d) protective mask with ear loops,
 - e) protective mask without valve,
 - f) size: $155 \text{ mm} \pm 1 \text{ mm} \times 105 \text{ mm} \pm 1 \text{ mm}$,
 - g) target group: unisex,
 - h) colors:

protective mask	ear loops	nose clip	valve
white	white	NA	NA

- 2. Protective mask shall not be used for more than one shift.
- 3. Technical documentation approved in English.
- 4. This product can not be used as a gas mask in a toxic environment.
- Protective mask should not be used in an environment with oxygen contens less then 19.5%.
- 6. Protective mask can not be used for medical and surgical purposes.

Warunki uznania Approval conditions

- 1 Niniejszy certyfikat straci ważność po wprowadzeniu zmian lub modyfikacji w wyrobie bez uprzedniego uzgodnienia z PRS. This certificate becomes invalid after changes or modifications to the product without prior agreement with PRS.
- 2 Znak zgodności może być umieszczony na uznanym wyrobie oraz może być wystawiona deklaracja zgodności tylko pod warunkiem, że łącznie z badaniem typu UE zostanie przeprowadzona ocena zgodności produkcji pod nadzorem jednostki notyfikowanej, według załącznika VII lub VIII wymienionego wyżej rozporządzenia.

The Mark of Conformity may only be affixed to the above type approved product and a manufacturer's Declaration of Conformity issued provided the production is assessed under surveillance of a notified body according to Annex VII or VIII of the a/m Regulation.





Test Report No.: 244273209a 002 Page 1 of 7

Client: Sunbeam International GmbH

Contact Information: Shumanstrasse 12, 52146 Wüerselen, Germany

Contact Person: Edward Zhao

Sample Description As Declared:

No. Of Sample 90pcs

Product Description Personal Protective Respirator Mask

Colour White

Lot No./ Batch Code -

Style No. HS0701A Test Type Partial test

Product Type Single shift use only

Claimed Classification FFP3

Manufacturer Changsha Zejiu Technology Co., Ltd

Sample obtaining method: Sending by customer

Sample Receiving date: 2020-10-19

Delivery condition: Apparent good, Samples tested as received

Test Period: 2020-10-19 to 2020-11-13

Test Specification: Test Result

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

Remark: The report 244273209a 002 superseded report 244273209a 001

For and on behalf of

TÜV Rheinland (Shanghai) Co., Ltd.

2020-11-17 Candy Jiang / Technical Manager

Date Name/Position

Test result is drawn according to the kind and extent of tests performed.

Croy Jing

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.



Page 2 of 7

Summary of test results

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	N/R
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	N/R
7.14	Field of vision	М
7.15	Exhalation valve(s)	N/A
7.16	Breathing Resistance	M
7.17	Clogging	N/A
7.18	Demountable parts	М
9	Marking	N/R

Note : M = Meet Performance Standard F = Below Performance Standard

Material list

Material No.	Material	Color/Pattern	Location
M001	Whole Product	White	Personal Protective Respirator Mask Without Valve



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
	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
7.5	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/A: Due to no relevent information/material

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	N/R
7.14	The field of vision is acceptable if determined so in practical performance tests	Pass

Remark:

N/A: Due to no relevent information/material

N/R: Due to not request



3. Flammability

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

Requirement : ≤5s

M001							
Item	Condition	Specimen No	Test results	Conclusion			
	As received	1	1.2				
Afterflame time (s)	As received	2	1.5	Pass			
	After conditioning	3	1.3				
	After conditioning	4	1.2				

4. 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					
Content (0/)	As resolved	Specimen 1	Specimen 2	Specimen 3	Mean	Door	
Content (%)	As received	0.60	0.57	0.58	0.58	Pass	



Page 5 of 7

5. Breathing Resistance

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

FFP3:

Requirement Inhalation: 30l/min: ≤1.0mbar

Inhalation: 95l/min: ≤3.0mbar Exhalation: 160l/min:≤3.0mbar

	M001															
Flow rate (I/min)						Resistance (mbar)										
As receiv	od.		Sp	ecime	n 1			Specimen 2					Sp	ecime	n 3	
AS Tecely	eu	Α	В	С	D	Е	Α	В	C	D	Е	Α	В	С	D	Е
Inhalation	30	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
IIIIalalloII	95	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1
Exhalation	160	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0
Simulate	ed		Specimen 4				Specimen 5				Specimen 6					
wearing trea	tment	Α	В	С	D	Е	Α	В	O	D	ш	Α	В	С	D	Е
Inhalation	30	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
IIIIalalloII	95	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Exhalation	160	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8
Temperat	ure		Specimen 7				Specimen 8			Specimen 9						
condition	ed	Α	В	С	D	Е	Α	В	С	D	ш	Α	В	С	D	Е
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
IIIIIaialiOII	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	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
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



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6. Penetration Of Filter Material

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

Requirement : FFP3: ≤1%

	M001								
Aerosol	Condition	Specimen No.	Penetration (%)						
		1	0.001						
	As received	2	0.001						
		3	0.006						
Codium oblarida		4	0.005						
Sodium chloride Penetration	Simulated wearing treatment	5	0.001						
renetiation		6	0.008						
	Mechanical strength +	7	0.010						
	Temperature conditioned @	8	0.014						
	Exposure test of 120mg	9	0.019						
		10	0.258						
	As received	11	0.307						
		12	0.342						
Paraffin oil		13	0.340						
Penetration	Simulated wearing treatment	14	0.286						
renetiation		15	0.337						
	Mechanical strength +	16	0.901						
	Temperature conditioned @	17	0.732						
	Exposure test of 120mg	18	0.666						
Conclusion		Pass							



Page 7 of 7

Photo:



END -

General Terms and Conditions of Business of TÜV Rheinland in Greater China

- These General Terms and Conditions of Business of TÜV Rheinland in Greater China ("GTCB") is made between the client and one or more member entities of TÜV Rheinland in Greater China as applicable as the case may be ("TÜV Rheinland"). The Greater China has policiable as the Maniland China, Hong Kong and Talwan. The client hereof refers to Maniland China, Hong Kong and Talwan. The client hereof includes: a natural person capable to form legally brinding contracts under the applicable leave Miconcludes the contract not for the purpose of a daily
- 1.2
- substitute teams who do until color to the purpose or a usually expensed to the incorporated or unincorporated entity duly organized, valled y estillary and capable to form legally binding contracts under the applicable law. The following team and conditions agily to agreed services including a small and conditions agily to agreed services including a small and conditions agily to agreed services including a small and services and other secondary obligations provided within the scope of contract performance.

 Any standard terms and conditions of the client of any nature shall not apply and shall heterby be expressly excluded. No standard contractual terms and conditions of the client of any nature shall not apply and shall heterby be expressly excluded. No standard contractual terms and conditions the contract data contract and was not shall be contracted as the contract of the contract of an ongoing business relationship with the client. His GTCB shall also apply to future contracts with the client without TUV Rheinland having to refer to them separately in each individual case.

Unless otherwise agreed, all quotations submitted by TÜV Rheinland can be changed by TÜV Rheinland without notice prior to its acceptance and confirmation by the other party.

- vorming into effect and outration of contracts.

 The contract shall come into effect for the agreed terms upon the quotatic letter of TUV Rheinland or a separate contractual document being signed both contracting panties, or upon the works requested by the client being repeated to the contract of the
- contract.
 If the contract provides for an extension of the contract term, the contract term will be extended by the term provided for in the contract unless terminated in writing by either party with a six-week notice prior to the end of the contractual term. 3.3

- The scope and type of the services to be provided by TÜV Rheinland shall be specified in the contractually agreed service scope of TÜV Rheinland by both parties. In so such separate service scope of TÜV Rheinland exists, then the written confirmation of order by TÜV Rheinland shall be decisive for the service to be provided.

- intent the written contribution or of order by LUV kneinarian state in excessive by The agreed services shall be performed in compliance with the regulations in force at the time the contract is entered into.

 TUV Rheinland is entitled to determine, in its sole discretion, the method and nature of the assessment unless otherwise agreed in writing or if mandatory provisions require a specific procedure to be followed.

 To provide the provisions require a specific procedure to be followed.

 The provisions require a specific procedure to be followed.

 The provisions require a specific procedure to be followed.

 The provisions require a specific procedure and working order of either tested or examined parts nor of the installation as a whole and its upstream ancidor downstream processes, organisations, use and application in accordance with regulations, nor of the systems on which he installation is construction, selection of materials and assembly of installations examined, nor for their use and application in accordance with regulations, unless these questions are expressly covered by the contract.

 In the case of inspection work, TÜV Rheinland shall not be responsible for
- In the case of inspection work, TÜV Rheinland shall not be responsible for the accuracy or checking of the safety programmes or safety regulations on which the inspections are based, unless otherwise expressly agreed in
- the accusary of checking on the salety programmes of salety regulations or writing.

 Incidence in the salety in the sal

Performance periods/dates

- 5. Performance periods/dates
 5.1 The contractually agreed periods/dates of performance are based on estimates of the work involved which are prepared in line with the details beliefly agreed periods/dates of performance are based on estimates of the work involved which are prepared in line with the details binding by TÜV Rheinland in writing.
 5. If binding periods of performance have been agreed, these periods shall not commence until the client has submitted all required documents to TÜV 10. A felicie 6.5 In and 5.2 also apply, even without express approval by the client, to all extensions of agreed periods/dates of performance not caused by TÜV Rheinland in not responsible for a delay in performance, in particular if the client has not fulfilled his daties to cooperate in accordance with clause 6.1 Rheinland with all documents and information required for the performance of the service as specified in the contract.

 5.51 the performance of TÜV Rheinland is delayed due to unforeseeable cricicumstances such as force majeure, strikes, business directions in entitled to postpone performance for a reasonable period of time which corresponds at least to the duration of the hindrance plus any time period which may be required to resume performance.

 5. The clients obligation to cooperate.

The client's obligation to cooperate

- The client shall guarantee that all cooperation required on its part, its agents or third parties will be provided in good time and at no cost to TÜV Rheinland.
- Design documents, supplies, auxiliary staff, etc. necessary for performance of the services shall be made available free of charge by the client. Moreover, collaborative action of the client must be undertaken in accordance with legal provisions, standards, safely regulations and accident prevention instructions. And the client represents and warrants have

- b) the product, service or management system to be certified complies with applicable laws and regulations; and
- it doesn't have any illegal and dishonest behaviours or is not included in the list of Enterprises with Serious Illegal and Dishonest Acts of People's Republic of China.
- Reclient breaches the aforesaid representations and warranties, TÜV Rheinland is entitled to i) immediately terminate the contract/order without prior notice; and ii) withdraw the issued testing report/certificates if any.
- The client shall bear any additional cost incurred on account of work having to be redone or being delayed as a result of late, incorrect or incomplete information provided by or lack of proper cooperation from the client. Even where a fixed or maximum price is agreed, TUV Rheinland shall be entitled to charge extra fees for such additional expense.

- If the scope of performance is not laid down in writing when the order is placed, invoicing shall be based on costs actually incurred. If no price is a greed in writing, invoicing shall be made in accordance with the price list of TUV Prinelland vasid at the time of performance. TuV Prinelland vasid at the time of performance, and appeals of the work of the work.

 If the execution of an order extends over more than one month and the value of the confract or the agreed fixed price exceeds C.250.00 or equivalent. 7.1
- of the work.

 If the execution of an order extends over more than one month and the value of the contract or the agreed fixed price exceeds e2,500.00 or equivalent value in local currency, TÜV Rheinland may demand payments on account or in instalments.

- All invoice amounts shall be due for payment without deduction on receipt of the invoice. No discounts and rebates shall be granted. The property of the property of the property of the property of the on the invoice, stating the invoice and client numbers. In cases of default of payment, TÜV Rheinland shall be entitled to claim default interest at the applicable short term loan interest rate publicly. 8.3
- unced by a reputable commercial bank in the country where TÜV land is located. At the same time, TÜV Rheinland reserves the right to 8.4
- Rhehland is located. At the same time, I by I well-hand is located. At the same time, I by I well-hand is located that there damages. Should the client default in payment of the invoice despite being granted a reasonable grace period. TUV Rheniland shall be entitled to cancel the contract, withdraw the certificate, claim damages for non-performance and The provisions set of thin larticle & I shall also apply in cases involving returned chaques, cessation of payment, commencement of insolvency

- of assets.

 Objections to the invoices of TÜV Rheinland shall be submitted in writing
- Objections to the invoices of TUV Rheinland shall be submitted in writing within two weeks of receipt of the invoice.

 TUV Rheinland shall be entitled to demand appropriate advance payments. TUV Rheinland shall be entitled to stem is fises at the beginning of a month of the control of the c

- 9.4lf ac
- Acceptance of work

 Any part of the work result ordered which is complete in itself may be
 presented by TUY Rheinland for acceptance as an installment. The client
 shall be obliged to accept it immediately.

 If acceptance is required or contractually agreed in an individual case, this
 shall be deemed to have taken place two (2) weeks after completion and
 stating at least one furnishment by the contract by TUY Rheinland, or
 client is not entitled to refuse acceptance due to insignificant breach of
 contract by TUY Rheinland.

 Congistence is excluded according to the nature of the work performance of TÜV
 her contract is excluded according to the nature of the work performance of TÜV
 her client was under to make use of the other and the contract by TUY
 her client was under to make use of the other and the compression for the
 scope of a certification procedure for auditing-performance by TÜV
 her inclient was under to entitione is therefore to be which and (e.g. performance
 of surveillance audits), TÜV Rheinland is entitled to immediately charge a
 lump-sum compensation of 10% of the order amount as compensation to
 the confidence of the order amount accept services, TÜV
 Rheinland and lais lobe entitled to herge lump-sum compensation
 offer as the client has undertaken in the contract to accept services, TÜV
 Rheinland shall also be entitled to charge lump-sum damage in the amount
 of 10% of the order amount as compensation to respense if the service is
 reserves the right to prove that the TÜV Rheinland has incurred no damage
 whatsoewer or only a considerably lower damage than the above lump aum.

- 10. Confidential of these terms and conditions, "confidential information" means all information in the propose of these terms and conditions, "confidential information" means all project documentation which one party (the "disclosing party") hands over, and the confidential information rested during party (by the disclosing party") hands over, and the confidential information created during performance of work by TVV. Rheinland, including product testing data, defects, conformity to the technical standard and related reports. Confidential information confidential consideration or confidential information. Confidential confidential information confidential continual confidential confidential confidential confidential confid

- work by TÜV Phinishand.

 may only be used by the receiving party for the purposes of performing the contract, unless expressly otherwise agreed in writing by the disclosing party.

 may only be used by the receiving party withing by the disclosing party.

 The property of the purpose of the contract of the purpose of the contract or TÜV Phenishand is required to pass on confidential information, inspection reports or documentation to the government authorities, judicial court, accordation bodies or third parties that are involved in the contract or TÜV Phenishand is required to pass on confidential information, inspection reports or documentation to the government authorities, judicial court, accordation bodies or third parties that are involved in the unit of the party was to protect to won confidential information, to never with a lesser level of confidentially than that which is reasonably required.

 The disclosing party only to bose of its employees who need this information be disclosing party only to bose of its employees who need this information be perform the services required for the confidential pricates with a lesser level of confidentially than that which is reasonably required.

 The disclosing party only to bose of its employees who need this information be performed to the confidential pricates by the receiving party undertakes to oblige these employees to observe the same level of secrecy as at Christ in this confidential pricates by the receiving party undertakes to oblige these employees to observe the same level of secrecy as at Christ in this confidential pricates by the receiving party already possessed this information prior to disclosure by the disclosing party already possessed this information prior to disclosure by the disclosing party already possessed this information prior to disclosure by the disclosing party already possessed this information prior to disclosure by the disclosing party already possessed this information prior to disclosure by the disclosing party of the cortext, of

Copyrights and rights of use, publications

10.6

- Copyrights and rights of use, publications
 TÜV Rheinland shall retain all exclusive copyrights in the reports, expert
 reports/opinion, set reports/results, results, calculations, presentations etc.
 pregnared by TÜV Rheinland, unless otherwise agreed by the parties in a
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Liability of TÜV Rheinland

- times of the fee for the individual order under which the damages or losses have occurred. Notwithstanding the above, in the event that the total and accumulated inability accludated according to the foregoing provisions exceeds 2.5 Million Euro or equivalent amount in local currency, the total and not exceed the second of the control of the foregoing the foregoing the foregoing the total and not according to add 5.5 Million Euro or equivalent amount in local currency. The limitation of liability according to article 12.1 above shall not apply to damages and/or tosses caused by malco, insertior or gross negligence on the part of TIV Rheinfand or its vicenous agents. Such imitation shall not apply to local the second of t
- available by the client to support TOV Rheinland in the performance of its services under the contract, urless such personnel make available is such contract, and the contract of the subsequence of the contract of the personnel made available by the client under the foregoing provision, the client hall indentify 10°V Rheinland against any claims made by third parties arising from or in connection with such personnels such. To the contract of the contract of

- on the services provided by TÜV Rheinland or parts thereof to third s in Greater China or other regions, the client must comply with the ctively applicable regulations of national and international export
- assing on the services provided by TUV Rheinland or parts thereof to third parties in Greater China or other regions, the client must comply with the respectively applicable regulations of national and international export formance of a contract with the client is subject to the provision that there are no obstacles to performance due to national or international foreign trade legislations or embargos and/or soantions. In the event of a voision, TUV Rheinland shall be entitled to terminate the contract with immediate effect and the client talk compensate for the losses incured thereof by TUV

Data protection notice

TÜV Rhieriland processes personal data of the client for the purpose of fulfilling this contract, in addition, TÜV Rhieriland also processes the data for other things the contract the purpose of fulfilling this contract, and the processes the data for other data of the client will only be disclosed to other natural or legal persons if the legal requirements are met. This also applies to transfer to third countries. The personal data will be deleted immediately as soon as a corresponding reason for deletion arises. Deletion size, but subjects may searcise the following rights right of information, and the personal data will be deleted in the personal data will be deleted to the deletion of the personal data will be deleted to the deletion of the processing of personal data by TÜV Rheinland as the person personal data by TÜV Rheinland data by TÜV Rheinland data deletion of the personal data by TÜV Rheinland data deletion of the personal data deletion data deletion data deletion data deleti

- 15.1The risk and costs for freight and transport of documents or test material to and from TÜV Rheinland as well as the costs of necessary disposal measures shall
- be borne by the client.

 stroyed and otherwise worthless test material will be disposed of by TÜV

 Rheinland for the client at the expense of the client, unless otherwise
- Rheinland for the client at the expense of the client, unless otherwise agree.
 15.3Undamaged test material shall be stored by TÜV Rheinland for four (4) weeks after completion of the test. If a longer storage period is desired, TÜV Rheinland charges an appropriate storage fee.
 15.4After the expiry of the 4 weeks or any longer period agreed upon, the test material will be disposed of by TÜV Rheinland for the client for a fee in accordance with clause § 5.2.

- 16.1 Notwithstanding clause 3.3 of the GTCB, TUV Rheinland and the client are entitled to terminate the contract in its entirety or, in the case of services combined in one contract, each of the combined parts of the contract individually and independently of the contractual or the remaining services with six (6) months's notice to the end of the contractually agreed term.

 16.2For or terminate the contract which includes but not limited to the following:

 a) the client does not immediately notify TUV Rheinland of changes in the conditions within the company which are relevant for contributions or signs of such changes:

 b) the client measures the certificate or certification or signs of such

- b) the client misuses the certificate or certification mark or uses it in violation or the contract.

 c) in the event of several conscavitive dialays in powers (at least three incep);

 a sub-a revent of several conscavitive dialays in powers (at least three incep);

 a sub-a revent of the firm of the firm of all counsetances of the client occurs and considerably endangered and TÜV Rheinland cannot reasonably be expected to continue the contract are deconsiderably endangered and TÜV Rheinland cannot reasonably be expected to continue the contractual relationably linear for group of causes. The Rheinland shall be entitled to a lump aum claim for damages against the client of the conditions of a claim for damages exist. In this case, the certification of the fixed contract term as lump-sum compressation. The client reserves the right to Rheinland reserves the right to prove a considerably higher damage in individual cases.
- Rheirland reserves the right to prove a considerably higher damage in individual cases, either an experiment of the client has not been able to make use of the time windows for auditing /service has not been able to make use of the time windows for auditing /service provision provided by TUV Rheinland within the scope of a certification procedure and the certificate therefore has to be withdrawn (for example during the performance of mornioring audits). Clause 16.3 applies accordingly. 16.4TÜV Rhei

- invalidity, written form, place of jurisdiction and dispute resolution
 All amendments and appdementar met be in writing in order to be effective. The alload populses to immediate that dispulments to the class 17.1.
 Should one or several of the provisions under the contract and/or these terms and conditions be or become intellective, the contracting parties shall replace the immediate provisions what the contract and order to the context of the invalid provision in legal and commercial berria.

 The contracting parties shall replace the immediate provision with a legally valid provision that comes closest to the context of the invalid proteins in legal and commercial berria.

 The contracting parties are the context and these terms and conditions shall be chosen following the rules as below: in TUV Rhenizand in question is legally registered and existing in the People's Republic of China, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of I always.

 If TUV Rhenizand in question is legally registered and existing in Index (Xengalian) and the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of I always.

 If always the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Hongy Kong, here contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Hongy Kong, here contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Hongy Kong, here contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Hongy Kong, here contracting parties hereby agree that the contract and these terms and conditions of the areas of the regulation period on the exhaust with the contracting the parties hereby agree that the contract and these terms and conditions of the areas of the Propis
- Notice of Arbitration is submitted in accordance with these rules. The arbitration shall take place in Hong Kong. cision of the relevant arbitration tribunal shall be final and binding on both parties. The arbitration fee shall be borne by the losing party.