



AC 114

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

Nr No. CW/PPER/28/12/2020

#### 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 Parlämentu 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 Baoding Yinhong Yuhe medical device manufacturing Co., Ltd.

Nanlongshan village, Dawangdian Industrial Park, Xushui District, Baoding City, Hebei Province, China.

Producent *Manufacturer*  Baoding Yinhong Yuhe medical device manufacturing Co., Ltd.

Nanlongshan village, Dawangdian Industrial Park, Xushui District, Baoding City, Hebei Province, China.

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 Półmaska filtrująca, model: YH/9903 (klasa FFP3 NR).

Filtering half mask, Model: YH/9903 (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

2025-12-08

12 00

Zastępca Dyrektora Pionu Certyfikacji Certification Division Deputy Director

Przemysław Gałka

Gdańsk, 2020-12-09

CE

Nr jednostki notyfikowanej No. of notified body

1463

NOTIFIED BODY NO.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 2020-12-03.
- 2. Ocena ryzyka zatwierdzona przez PRS S.A. dnia 2020-12-03.
- Dokumentacja techniczna "Półmaski filtrującej, model: YH/9903" zatwierdzony przez PRS S.A. dnia 2020-12-03.
- 4. Raport z badań nr JKF20032192R1 wydany przez Zhejiang Academy of Science and Technology for Inspection & Quarantine (Technology Center of Hangzhou Customs District/Zhejiang Lead Product Technical Co., Ltd.) z akredytacją CNAS L0354 z dnia 2020-12-08.
- 5. Sprawozdanie z przeglądu PRS S.A. nr CW/MoK/PPER/277/2020 z dnia 2020-12-09.
- 1. Instuction of use approved by PRS S.A. on 2020-12-03.
- 2. Risk analysis approved by PRS S.A. on 2020-12-03.
- 3. Technical documentation "Filtering half mask, Model: YH/9903" approved by PRS S.A. on 2020-12-03.
- 4. Test report No. JKF20032192R1 issued by Zhejiang Academy of Science and Technology for Inspection & Quarantine (Technology Center of Hangzhou Customs District/Zhejiang Lead Product Technical Co., Ltd.) with CNAS accreditation no. L0354 dated on 2020-12-08.
- 5. PRS S.A. Survey Report No. CW/MoK/PPER/277/2020 dated on 2020-12-09.

Miejsca produkcji (inne niż podane na stronie 1) Places of production (different than given on page 1)

Ograniczenia uznania Approval limitations

- 1. Dane techniczne:
  - a) półmaska filtrująca z regulowanym klipsem na nos,
  - b) klips na nos montowany wewnątrz półmaski filtrującej,
  - c) półmaska filtrująca wykonana z 5 warstwowej włókniny z filtrem z tkaniny,
  - d) półmaska filtrująca wyposażona w zauszniki,
  - e) półmaska filtrująca bez zaworu,
  - f) wymiary:  $100 \text{ mm} \pm 2 \text{ mm} \times 153 \text{ mm} \pm 3 \text{ mm}$ ,
  - g) docelowa grupa użytkowa: dorośli dla obu płci,
  - h) kolory:

półmaska filtrująca	zagłowie	klips na nos	zawór
biała	białe	n/d	n/d

- 2. Półmaska filtrująca 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. Półmaska filtrująca nie powinna być używana w środowisku o stężeniu tlenu poniżej 19.5 %.
- 6. Półmaska filtrująca nie jest przeznaczona do użytkowania medycznego i chirurgicznego.
- 1. Specifications:
  - a) filtering half mask with adjustable nose clip,
  - b) nose clip mounted inside the filtering half mask,
  - c) filtering half mask made with 5 layers non-woven fabric with melt-blown fabric filter,
  - d) filtering half mask with ear loops.
  - e) filtering half mask without valve,
  - f) size: 100 mm ± 2 mm x 153 mm ± 3 mm,
  - g) target group: unisex,
  - h) colors:

filtering half mask	head harness	nose clip	valve
white	white	NA	NA

- 2. Filtering half 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.
- 5. Filtering half mask should not be used in an environment with oxygen contens less then 19.5%.
- 6. Filtering half 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.





AC 114

# CERTYFIKAT ZGODNOŚCI Z TYPEM W OPARCIU O WEWNĘTRZNĄ KONTROLĘ PRODUKCJI ORAZ NADZOROWANE KONTROLE PRODUKTU W LOSOWYCH ODSTĘPACH CZASU (Moduł C2)

## CONFORMITY TO TYPE CERTIFICATE BASED ON INTERNAL PRODUCTION CONTROL PLUS SUPERVISED PRODUCT CHECKS AT RANDOM INTERVALS (Module C2)

Nr No. CW/PPER/66/12/2020 Okres Period

Okres objęty certyfikatem Period covered by the certificate

2020-12-19 - 2021-12-18

Normy zharmonizowane/Specyfikacje

Dokumenty odniesienia: General reference documents: Rozporządzenie UE 2016/425 dotyczące środków ochrony indywidualnej (PPE), załacznik VII

Regulation (EU) 2016/425 on personal protective equipment (PPE), Annex VII

Certyfikat badania typu UE

Posiadacz certyfikatu Certificate holder

Wyrób

Baoding Yinhong Yuhe medical device manufacturing Co., Ltd.

Nanlongshan village, Dawangdian Industrial Park, Xushui District, Baoding City, Hebei Province, China.

111	oudet	Lo Type examination certificate	Traitionisca stair	duras/specifications
Pć	łmaska filtrująca, model: YH/9903	CW/PPER/28/12/2020	PN-EN 149+	A1:2010
(k	asa FFP3 NR).		EN 149:2001	+A1:2009
	tering half mask, Model: YH/9903 ass FFP3 NR).			
Α	Roczna ocena zgodności wyrobów z norm Annual assessment of products complianc		kamined	
1	Miejsca i daty wizyt Visit locations and dates	Baoding Yinhong Yuhe medical dev	vice manufact	turing Co., Ltd.
<b>2</b> a	Wyboru dokonał (imię, nazwisko) Selection carried out by (Name)	Mirosław Klimek		
	Związek z jednostką notyfikowaną Relationship to notified body	Ekspert Biura Certyfikacji Wyrobów i G	Dsób	
	neidioismp to notifica body	Products and Persons Certification Bui	reau Expert	
2b	Przedstawiciel firmy (imię, nazwisko) Company representative (Name)	Liu Henghao		
	Stanowisko Position	-		
3	Związek pomiędzy wizytowaną firmą a posiadaczem Relationship of company visited to EU type-examinat	The state of the s		
	Posiadacz certyfikatu  Certificate holder  Miejsce production s	ukcji Inne miejsce produkcji te Secondary production site	Importer Importer	Dystrybutor Distributor
	Sprzedaż detaliczna Europejskie l Retail outlet European ofj	oluro firmy Inny: Other:		
	Wykaz środków ochrony indywidualnej List of personal protection equipment	Dostępny Niedostępny Not available		
	Wybór próbki Sample selection  Wybrano – Nr egz./partii: Selected – lot/batch No.	YH/9903/2020/11/3		Nie wybrano Not selected
4	Wybór próbki Sample selection  Prawidłowy Correct  Niep	orawidłowy Wyniki badań rrect Result of tests	Pozytywne Positive	Negatywne Negative
5	Wybór próbki i badania wykazały zgodność z przywo Sample selection and testing demonstrated complian		em	⊠ Tak Nie No



Nr jednostki notyfikowanej No. of notified body

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Polski Rejestr Statków S.A. al. Gen. Józefa Hallera 126 80-416 Gdańsk, Poland tel. (+48) (58) 346 17 00 fax (+48) (58) 346 03 92 e-mail: mailbox@prs.pl www: http://www.prs.pl/

and type-examined

В		ejednorodności produl ent of production non-				
1	Zastosowana metoda p	orzy dokonaniu oceny	nomogenetty			
	Method employed to per Inspekcja procesu	erform assessment produkcyjnego i zapisów :	z prób			
		production and test record	ds			
	On-site audit of pr	cesu produkcyjnego oduction control				
			ocenę jednej dużej próbki Plection of a single, large sample			
	Ocena niejednorod Production non-ho	dności produkcji poprzez o omogeneity assessed by as	ocenę próbek w ciągu roku ssessment of samples throughou	t the year		
<b>2</b> a	Ocenę przeprowadził (i Assessment carried out					
	Związek z jednostką no Relationship to notified					
2b	Przedstawiciel firmy (in Company representativ					
	Stanowisko Position					
3	Na podstawie przeprov		no, że proces produkcyjny jest je luded the production is homogen	557	☐ Tak <i>Yes</i>	□ Nie
С	Podsumowanie Conclusion					
	Uzasadnienie niezgodn Justification of non-con					
	Nie było żadnych r	niezgodności / There	were no non-conformities	S.		
	Wnioski jednostki noty Conclusions of notified					
			bilny z typem określonym			
	Personal protective	e equipment is comp	atible with the type define	ed in the EC type-examir	nation certificate	•
	Uwagi Remarks					
		i=	jednorazowego użytku.			
	•		ona w języku angielskim. / jako maska przeciwgazov	wa w środowisku toksyc	znvm.	
	4. Półmaska filtruja	ąca nie jest przeznac	zona do użytkowania med	lycznego i chirurgiczneg	ю.	
	_		ıżywana w środowisku o sto	ężeniu tlenu poniżej 19.5	%.	
		nsk shall not be used j nentation approved i	for more than one shift.			
			s mask in a toxic environn	nent.		
			or medical and surgical pu		0.50/	
		isk snoula not be usea	l in an environment with ox	ygen contens less then 1.	9.5%.	
D	Załączniki Attachments					
- 33 0	awozdania z wizyty Nr it reports No.	CW/MoK/PPER/304	1/2020 z dnia/ <i>dated on</i> 20	020-12-19.		
	awozdania z badań Nr t reports No.	Raport z badań nr C	CL/WBO/152/2020 wydan	y przez Laboratorium B	adawcze PRS S.A	. w dniu
163	t reports No.	2020-12-19.	MDO /4 52 /2020 No. D	DC CA Testing Labour	town data day 20	20 12 10
			NBO/152/2020 issue by P	KS. S.A. Testing Labora	tory aatea on 20.	20-12-19.
	ólna ocena z roczneg erall assessment of ti	o nadzoru he annual surveillance	Pozytywna Positive	Negatywna Negative		
	•				ktora Pionu Certyfika	
			\ PRS /	Certification D	ivision Deputy Direct	UI
			1936	. (	X ( 1/1.	
	1		NOTIFIED BODY		1. Umy	
Go	dańsk. 2020-12-19	)	NO.1463	Przem	ysław Gałka	

## TEST REPORT



**Report No.: JKF20032192R1** 

Applicant: Baoding Yinhong Yuhe medical device manufacturing

Co., Ltd



The informa	tion are provided by client	(applicant):					
	Sample Name:	filtering half ı	nask				
Sample Information	Style No.:	YH/9903					
imormation	Brand:	YINHONYU	YINHONYUHE				
	Applicant:	Baoding Yinh	ong Yuhe medical d	evice manufacturing Co., Ltd			
Customer	Address:	Nanlongshan village, Dawangdian Industrial Park, Xushui District, Baoding City, Hebei Province, China					
Information	Manufacturer:	Baoding Yinh	Baoding Yinhong Yuhe medical device manufacturing Co., Ltd				
	Manufacturer address:	Nanlongshan village, Dawangdian Industrial Park, Xushui District, Baoding City, Hebei Province, China					
The informa	The information are confirmed by testing organization:						
	Date of sample received:	2020-11-24	Testing period:	2020-11-24 to 2020-12-07			
	Quantity:	70 Pieces					
Test	Sample description:	White mask					
Information	Basis of judgment:	EN 149:2001+A1:2009 FFP3 NR Respiratory protective devices—Filtering half masks to protect against particles —Requirements, testing, marking					
Test Conclusion	The items tested meet the requirements of EN 149:2001+A1:2009 FFP3 NR						
Test Result	Please refer to next pages.						
Remark	This report (which has modified Sample photo) is to replace the original report (report number JKF20032192 issued on 2020-12-07), the original report also void.						

12ተ በዓ 2 Edit:

Ye yiwen

Sign:

Zhao dong

\*\*\* End of this page\*\*\*



#### **Test Results:**

#### Clause 7.5 Material

(EN 149:2001+A1:2009 Clause 8.2 & 8.3.1 & 8.3.2)

Requirement	Results	Rating
Materials used shall be suitable to withstand handling and wear over the period for		
which the particle filtering half mask is designed to be used.		
After undergoing the conditioning described in 8.3.1 none of the particle filtering		
half masks shall have suffered mechanical failure of the facepiece or straps.	Commly	Pass
When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask	Comply	Pass
shall not collapse.		
Any material from the filter media released by the air flow through the filter shall not		
constitute a hazard or nuisance for the wearer.		

#### Clause 7.6 Cleaning and disinfecting

(EN 149:2001+A1:2009 Clause 8.4 & 8.5 & 8.11)

Requirement	Results	Rating
If the particle filtering half mask is designed to be re-usable, the materials used shall		
withstand the cleaning and disinfecting agents and procedures to be specified by the	Not applicable	
manufacturer.	(Not designed to	N/A
With reference to 7.9.2, after cleaning and disinfecting the re-usable particle filtering	be re-usable)	
half mask shall satisfy the penetration requirement of the relevant class.		

#### **Clause 7.7 Practical performance**

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

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

#### **Clause 7.8 Finish of parts**

(EN 149:2001+A1:2009 Clause 8.2)

Requirement	Results	Rating
Parts of the device likely to come into contact with the wearer shall have no sharp	No sharp edges or	Pass
edges or burrs.	burrs	rass



#### Clause 7.9.1 Total inward leakage

(EN 149:2001+A1:2009 Clause 8.5)

Requirement	Results	Rating
For particle filtering half masks fitted in accordance with the manufacturer's	50 out of the 50	
information, at least 46 out of the 50 individual exercise results (i.e. 10 subjects x 5	individual	
exercises) for total inward leakage shall be not greater than:	exercise≤5%	
25% for FFP1, 11% for FFP2, 5% for FFP3	8 out of the 10	Pass
and, in addition, at least 8 out of the 10 individual wearer arithmetic means for the	individual wearer	
total inward leakage shall be not greater than:	arithmetic means	
22% for FFP1, 8% for FFP2, 2% for FFP3	≤2%	

Table 7.9.1-A Inward leakage test data

Subject	Sample No.	Condition	Walk	Head side/side	Head up/down	Talk	Walk	Mean
			(%)	(%)	(%)	(%)	(%)	(%)
CQQ	1		1.778	1.731	1.795	2.909	1.855	2.013
WLJ	2		1.785	1.778	1.806	2.867	1.874	2.022
WG	3	As received	1.695	1.782	1.792	2.718	1.858	1.969
ZJH	4		1.673	1.727	1.740	2.627	1.816	1.916
TLB	5		1.762	1.679	1.696	2.528	1.780	1.889
ZMY	6		1.801	1.671	1.712	2.454	1.773	1.882
LJF	7	T	1.722	1.678	1.742	2.847	1.793	1.956
HML	8	Temperature conditioned	1.627	1.677	1.700	2.651	1.699	1.871
RK	9		1.605	1.810	1.736	2.457	1.802	1.882
ZD	10		1.677	1.692	1.765	2.688	1.825	1.929

Table 7.9.1-B Facial dimensions

Subject	Face Length (mm)	Face Width (mm)	Face Depth (mm)	Mouth Width (mm)				
CQQ	136	167	125	65				
WLJ	132	159	110	60				
WG	120	152	109	57				
ZJH	122	150	104	50				
TLB	125	152	111	57				
ZMY	137	150	120	60				
LJF	125	135	90	55				
HML	124	130	115	55				
RK	112	161	146	50				
ZD	116	160	115	55				



#### Clause 7.9.2 Penetration of filter material

(EN 149:2001+A1:2009 Clause 8.11 & EN 13274-7:2019)

		Results	Rating			
The p	enetration of the f					
requir	ements of the foll					
	Classification Sodium chloride test Paraffin oil test				D : 1 C :	
	95 L/min 95 L/min			Detail refer to	Pass	
	FFP1	≤20%	≤20%		Table 7.9.2	
	FFP2	≤6%	≤6%			
	FFP3	≤1%	≤1%			

#### Table 7.9.2 Penetration of filter material

Aerosol	Condition	Sample No.	Penetration (%)
		11	0.005
	As received	12	0.007
		13	0.006
	Ci1	14	0.007
Sodium chloride test	Simulated wearing	15	0.004
	treatment	16	0.005
	Mechanical strength+ Temperature conditioned	17	0.012
		18	0.017
		19	0.020
	As received	20	0.033
		21	0.025
		22	0.024
	C:1	23	0.013
Paraffin oil test	Simulated wearing	24	0.019
	treatment	25	0.022
	Madadadatan	26	0.630
	Mechanical strength+	27	0.527
	Temperature conditioned	28	0.593
	Flow conditioning	: single filter: 95.0 L/m	in

#### Clause 7.10 Compatibility with skin

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

Requirement	Results	Rating
Materials that may come into contact with the wearer's skin shall not be known to be	No irritation or	
	any other adverse	Pass
likely to cause irritation or any other adverse effect to health.	effect to health	



#### Clause 7.11 Flammability

(EN 149:2001+A1:2009 Clause 8.6)

Requirement	Results	Rating
When tested, the particle filtering half mask shall not burn or not to continue to burn	Detail refer to	Daga
for more than 5s after removal from the flame.	Table 7.11	Pass

#### Table 7.11 Flammability

Condition	Sample No.	Result
A : 1	29	Not burn
As received	30	Not burn
Tommonotomo conditioned	31	Not burn
Temperature conditioned	32	Not burn

#### Clause 7.12 Carbon dioxide content of the inhalation air

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

Requirement	Results	Rating
The carbon dioxide content of the inhalation air (dead space) shall not exceed an	Detail refer to	Dogg
average of 1.0 % (by volume).	Table 7.12	Pass

Table 7.12 Carbon dioxide content of the inhalation air

Condition	Sample No.	Result (%)	
	33	0.69	M
As received	34	0.69	Mean value: 0.69
	35	0.70	0.09

#### Clause 7.13 Head harness

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

Requirement	Results	Rating
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	Comply	Pass
to hold the particle filtering half mask firmly in position and be capable of		
maintaining total inward leakage requirements for the device.		

#### Clause 7.14 Field of vision

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

Requirement	Results	Rating
The field of vision is acceptable if determined so in practical performance tests.	Comply	Pass



#### Clause 7.15 Exhalation valve

(EN 149:2001+A1:2009 Clause 8.2 & 8.9.1 & 8.3.4 & 8.8)

Requirement	Results	Rating
A particle filtering half mask may have one or more exhalation valve(s), which shall		
function correctly in all orientations.		
If an exhalation valve is provided it shall be protected against or be resistant to dirt		
and mechanical damage and may be shrouded or may include any other device that	Not applicable	
may be necessary for the particle filtering half mask to comply with 7.9.	(No exhalation	N/A
Exhalation valve(s), if fitted, shall continue to operate correctly after a continuous	valve)	
exhalation flow of 300 L/min over a period of 30 s.		
When the exhalation valve housing is attached to the faceblank, it shall withstand		
axially a tensile force of 10 N applied for 10 s.		

#### **Clause 7.16 Breathing resistance**

(EN 149:2001+A1:2009 Clause 8.9

		Results	Rating				
The pene	etration of the filt						
requirem	ents of the follow	ving table.					
		Maximum	permitted resista	ince (mbar)			
	Classification	Inhalation		Exhalation	Detail refer to	Pass	
		30L/min	95L/min	160L/min		Table 7.16	1 435
	FFP1	0.6	2.1	3.0			
	FFP2	0.7	2.4	3.0			
	FFP3	1.0	3.0	3.0			

#### Table 7.16 Breathing resistance (mbar)

Test item	Condition	Sample No.	A	В	С	D	Е
	As received	36	0.50	0.51	0.51	0.51	0.50
		37	0.49	0.50	0.50	0.49	0.49
		38	0.49	0.50	0.49	0.50	0.50
Inhalation	Simulated wearing treatment -	39	0.51	0.51	0.50	0.51	0.51
(30 L/min)		40	0.51	0.52	0.51	0.52	0.52
(30 L/IIIII)		41	0.50	0.51	0.51	0.51	0.50
		42	0.45	0.46	0.46	0.45	0.45
		43	0.44	0.45	0.45	0.45	0.44
	conditioned	44	0.47	0.46	0.47	0.46	0.46



Test item	Condition	Sample No.	A	В	С	D	Е
Inhalation (95 L/min)	As received	36	1.87	1.88	1.87	1.86	1.88
		37	1.85	1.86	1.87	1.85	1.85
		38	1.84	1.86	1.85	1.86	1.85
	Simulated wearing treatment	39	1.89	1.88	1.87	1.89	1.89
		40	1.90	1.91	1.92	1.94	1.92
		41	1.90	1.88	1.89	1.89	1.88
	Temperature conditioned	42	1.79	1.77	1.79	1.77	1.77
		43	1.76	1.74	1.74	1.75	1.74
		44	1.81	1.80	1.82	1.83	1.81
Exhalation (160 L/min)	As received	36	2.65	2.64	2.66	2.65	2.65
		37	2.64	2.62	2.64	2.63	2.64
		38	2.63	2.64	2.65	2.63	2.63
	Simulated wearing treatment	39	2.67	2.65	2.66	2.67	2.67
		40	2.69	2.70	2.69	2.67	2.68
		41	2.68	2.66	2.67	2.65	2.66
	Temperature conditioned	42	2.48	2.45	2.47	2.47	2.45
		43	2.45	2.47	2.46	2.45	2.46
		44	2.49	2.51	2.50	2.51	2.49

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

#### **Clause 7.17 Clogging**

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

Requirement	Results	Rating
7.17.2Breathing resistance:		
7.17.2.1 Valved particle filtering half masks		Not required
After clogging the inhalation resistances shall not exceed FFP1:4mbar, FFP2:5mbar,		
FFP3:7mbar at 95 L/min continuous flow; The exhalation resistance shall not exceed		
3mbar at 160 L/min continuous flow.	Optional for single shift device only	
7.17.2.2 Valveless particle filtering half masks		
After clogging the inhalation and exhalation resistances shall not exceed		
FFP1:3mbar, FFP2:4mbar, FFP3:5mbar at 95 L/min continuous flow.		
7.17.3Penetration of filter material:		
All types (valved and valveless) of particle filtering half masks claimed to meet the		
clogging requirement shall also meet the requirements given in 7.9.2, for the		
Penetration test according to EN 13274-7, after the clogging treatment.		

#### **Clause 7.18 Demountable parts**

(EN 149:2001+A1:2009 Clause 8.2)

Requirement	Results	Rating
All demountable parts (if fitted) shall be readily connected and secured, where	Comply	Pass
possible by hand.	Compry	



## Sample photo



\*\*\* End of Report\*\*\*

**STATEMENT** 

1. Our organization guarantees impartiality, independence and honesty of inspection,

and is responsible for the content of report, except for the information provided by

the client. The client shall not use the test results for improper publicity without

authorization.

2. Our organization shall not be responsible for the authenticity of the information

provided by the client, nor shall bear the risks arising in the process of sample

delivery. Test result is only responsible for the sample.

3. This report is invalid without the dedicated seal for inspection and testing report

and the paging seal.

4. This report is invalid without the signature of the approver (authorized signatory).

5. Test report is invalid if altered.

6. The duplicate report without the "dedicated seal for inspection and testing" of the

institution is invalid.

7. Each page of the report is an integral part of the report. Our organization shall not

be responsible for any misunderstanding or consequences arising from the improper

use of the test report by the user.

8. Without the CMA seal, the report is invalid for social certification.

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