COMPAÑÍA INTERNACIONAL
DE FABRICANTES DE
RECLAMOS Y AFINES S.L.

C/ Sofía, 3-5
Pol. Ind. Cabezo Beaza
C.P. 30353 CARTAGENA (Spain)
CIF. B30668420

DOCUMENTATION

REF. CV-41 / SL-1301

MASK ULTRA PROTECTION FFP2

MASCARILLA ULTRA PROTECCIÓN FFP2
MASQUE FFP2 ULTRA PROTECTION FFP2
MASCHERINA PROTEZIONE ULTRA FFP2

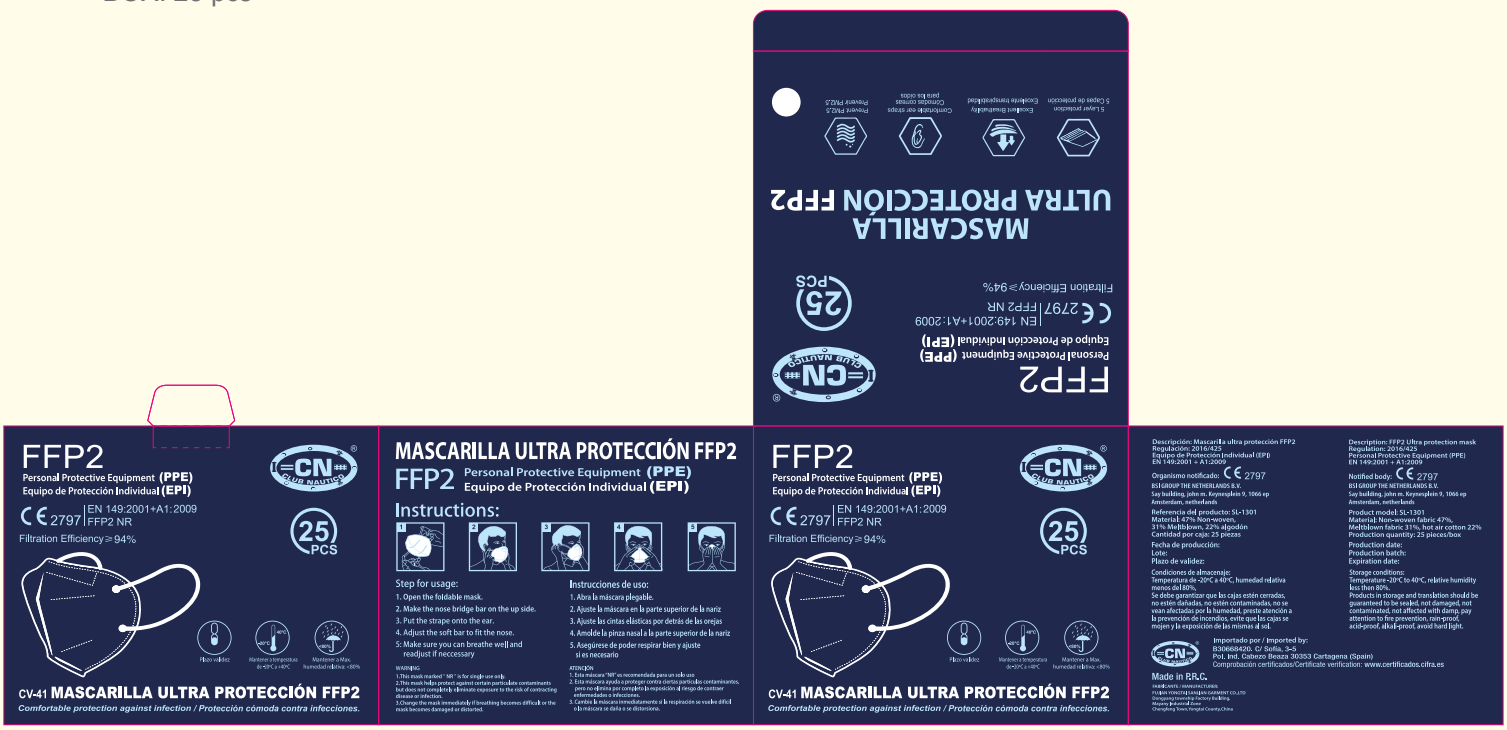
MASTER BOX: 1000 pcs

CV-41

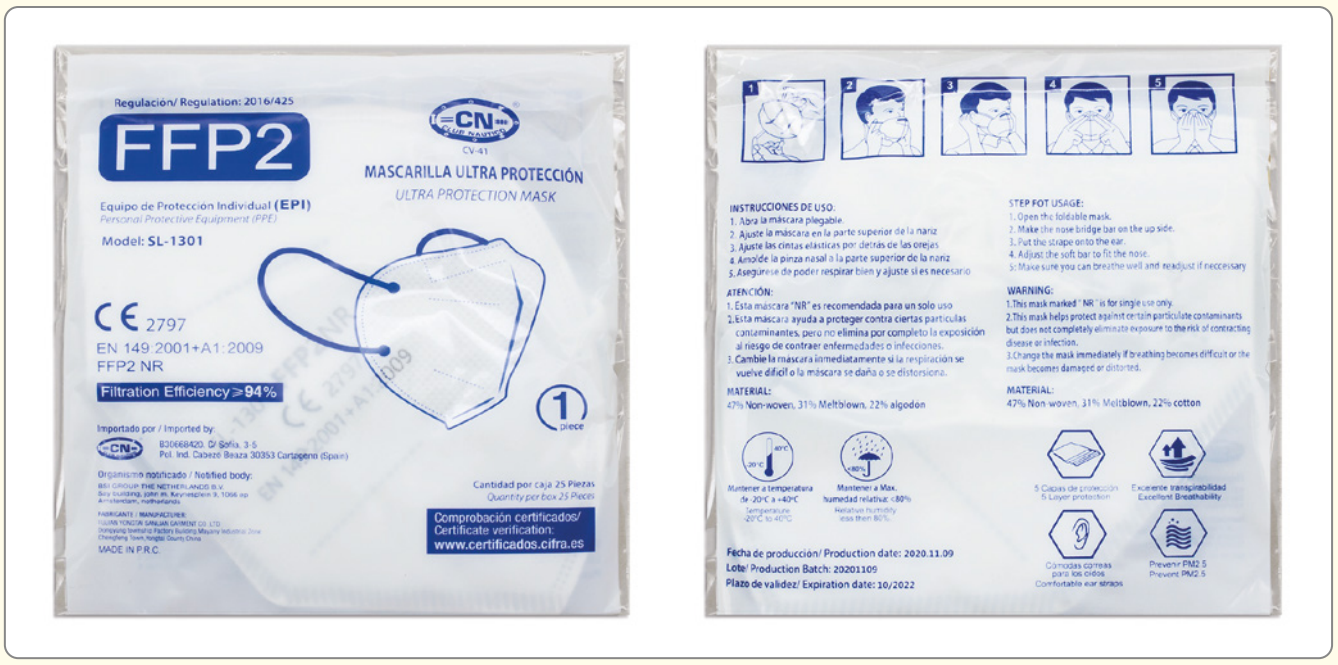
COLOR: BLANCO/WHITE
ITEM: **SL-1301**
DESCRIPTION: NAAMIO
MATERIAL:
5 PLY (47% non woven, 31% Meltblown, 22% algodón).
QUANTITY: 1.000
G.W:
N.W:
CNT SIZE:
BATCH NUMBER:
PRODUCTION DATE:
VALIDITY:

MADE IN P.R.C.

BOX: 25 pcs



BAG: 1 pc



GRAPHENE FREE
PRODUCTO LIBRE DE GRAFENO

NOTA IMPORTANTE:

En todos los procesos de fabricación de nuestras mascarillas, no se utiliza grafeno o derivados del mismo.

Colaboramos con

Reconocimiento a la responsabilidad ambiental

Universidad Politécnica de Cartagena

UCAM Universidad Católica de Murcia

UIMP Cartagena Universidad Internacional Menéndez Pelayo

CIFP Carlos III FP de Calidad

Asociaciones y Entidades a las que pertenecemos

COEC · Cámara Cartagena · aimfap · FYVAR · PSI · ecoembes · ecopilas · CEEIC · AECAB · Tranquilidad online

EU DECLARE OF THE CONFORMITY

CE

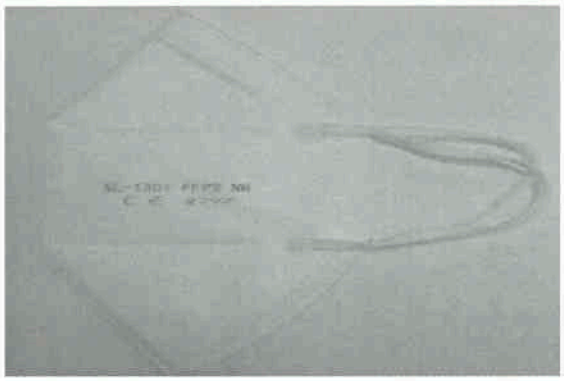
We

Company Name:	Fujian Yongtai Sanlian Garment Co.,LTD
Postal address:	Dongyang township Factory Building,Mayany Industrial ZoneChengfeng Town,Yongtai County,China
Postcode:	350700
City:	Fuzhou

Declare that the Doc is issued under our sole responsibility and belongs to the following products:

Apparatus model/Product:	Disposable protective mask
Type:	SL-1301

Object of the declaration(identification of apparatus allowing traceability. It may include a colour image of sufficient clarity where necessary for the identification of the appearance)



The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Personal protective equipment Regulation(EU)2016/425

The following harmonised standards and technical specifications have been applied:

Title,Date of standards/specification:

EN149:2001+A1:2009

Notified body(where applicable)	4 digit notified body number
UNIVERSAL CERTIFICATION AND SURVEILLLANCE TADE LTD,CO	BSI-2797
Certificate Number:	CE 731432
Technical report numbered:	3249861

Signed for and on behalf of

Yongtai,China

Place of issue

2020.9.5

Date of issue

Name,function,signature

General Manager

EU Type Examination Certificate

This is to certify that:

Fujian Yongtai Sanlian Garment Co., Ltd.
Dongyang Township Factory Building
Mayang Industrial Zone
Chengfeng Town
Yongtai
350700
China

Holds Certificate Number: CE 731432

In respect of:

Model SL-1301 Particulate Respirator.
To technical specification Annex II (EHSR) of the PPE Regulation (EU) 2016/425
PPE for use by healthcare professionals as per Commission recommendation 2020/403.

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):

Drs. Dave Hagenaars, Managing Director

First Issued: 2020-08-27
Latest Issue: 2020-08-27

Effective Date: 2020-08-27
Expiry Date: 2021-08-27

PRODUCTS
RvA C 646

...making excellence a habit.™

EU Type Examination Certificate

No. CE 731432

Product Specification

Product Name:	Particulate Respirator.
Product Type:	Particulate filtering half masks for use by Healthcare professionals.
Model:	**SL-1301**
Classification:	FFP2 NR un-valved.
Technical Specification:	Technical specification to satisfy Annex II of the PPE Regulation (EU) 2016/425.
Product Description:	The respirator is non-reusable, secured to the face of the user by a pair of elasticated ear straps, and has no exhalation valve. The respirator is FFP2 class, vertical fold flat type. The respirator listed on this certificate is for use by healthcare workers, first responders and other personnel involved in the efforts to contain the COVID-19 virus and avoid its further spread. The product covered by this certificate is not approved for industrial applications and the certificate is only valid as long as EU Commission recommendation sheet 2020/403 remains applicable.
Product Assessments:	BSI's PPE for Healthcare Professionals 2020/403 – RPE Technical Specification.

First Issued: 2020-08-27
Latest Issue: 2020-08-27

Effective Date: 2020-08-27
Expiry Date: 2021-08-27

EU Type Examination Certificate

No. CE 731432

Certificate Administration Details

Technical File Reference: Sanlian03 – First Issue – Rev 01

Certificate Amendment Record:

Issue date	Comments	BSI Review No.
August 2020	First issue	2797:20:3249863

Certificate validity

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall process utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

The validity of the Certificate for the products is also dependent on the maintenance of the EU Conformity to Type based on Internal Production Control plus supervised product checks at random intervals, Annex VII (Module C2) as referenced on BSI issued Certificate CE 731433.

First Issued: 2020-08-27
Latest Issue: 2020-08-27

Effective Date: 2020-08-27
Expiry Date: 2021-08-27

Conformity to Type based on Internal Production Control plus supervised product checks at random intervals

This is to certify that:

Fujian Yongtai Sanlian Garment Co., Ltd.
Dongyang Township Factory Building
Mayang Industrial Zone
Chengfeng Town
Yongtai
350700
China

Holds Certificate Number: CE 731433

In respect of:

For the manufacture of particulate respirators to technical specification to satisfy Annex II of the PPE Regulation (EU) 2016/425.

on the basis that BSI carried out the supervised production checks at random intervals under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex VII (Module C2)

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):

Drs. Dave Hagenaars, Managing Director

First Issued: 2020-08-27
Latest Issue: 2020-08-27

Effective Date: 2020-08-27
Expiry Date: 2021-08-27

PRODUCTS RvA C 646

...making excellence a habit.™

Conformity to Type based on Internal Production Control plus supervised product checks at random intervals

No. CE 731433

Product manufactured by:

Fujian Yongtai Sanlian Garment Co., Ltd.
Dongyang Township Factory Building
Mayang Industrial Zone
Chengfeng Town
Yongtai
350700
China

Product details

The respiratory protective device covered by the scope of this Module C2 Certificate and the Technical Specification to which the product is manufactured are as follows:

Product type:	Particulate filtering half masks for use by Healthcare professionals.
Model and classifications:	SL-1301 FFP2 NR
Technical Specification:	Technical specification to satisfy Annex II of the PPE Regulation (EU) 2016/425. BSI's PPE for Healthcare Professionals 2020/403 – RPE Technical Specification.

First Issued: 2020-08-27
Latest Issue: 2020-08-27

Effective Date: 2020-08-27
Expiry Date: 2021-08-27

Conformity to Type based on Internal Production Control plus supervised product checks at random intervals

No. CE 731433

Certificate Administration Details:

Certificate Amendment Record and BSI internal Review relating to this Certificate

Issue date	Comments	BSI Review No.
August 2020	First issue	2797:20:3249865

Certificate validity

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspects of the overall quality system utilized in the manufacture of the products, failure to do so could invalidate the Certificate in respect of product manufactured after the introduction of such changes.

First Issued: 2020-08-27
Latest Issue: 2020-08-27

Effective Date: 2020-08-27
Expiry Date: 2021-08-27

Test Report 3249861.

Fujian Yongtai Sanlian Garment Co., Ltd.

Introduction.

This report has been prepared by Richard Page relates to the activity detailed below:

Job/Registration Details		Client Details
Job number:	**3249861**	Fujian Yongtai Sanlian Garment Co., Ltd. Dongyang Township Factory Building Mayang Industrial Zone Chengfeng Town Yongtai 350700 China
Job type:	Testing Samples Submitted	
Start Date:	10/06/2020	
Test type:	Type	
Sample ID:	10191070	
Registration:	**CE 731432**	
Scheme:	Positive pressure RPE	
Protocol:	PP123	
Scheme Manager:	Nathan Shipley	

The report has been approved for issue by

Approved For Issue	
	Issue Date: 9 July 2020

Objectives.

This is an independent test evaluation to only certain clauses or sub-clauses of the agreed specification in accordance with the following test programme:

BSI COVID-19 filtering face piece technical specification, for COVID-19 masks for use by healthcare workers

Product Scope.

COVID-19 masks for use by healthcare workers

Report Summary.

The samples were received on 5 June 2020 and the testing was started on 10 June 2020.

The samples submitted complied with the requirements of the test work conducted.

Test Samples.

Sample ID	ER Number	Description
1 to 19	10191070	Model: SL-1301

Description of Test Samples.

Sample Description
COVID-19 masks for use by healthcare workers: Model: SL-1301, with head strap hook

Test Requirements.

Testing in accordance with BSI COVID-19 filtering face piece technical specification
Technical testing specification for COVID-19 masks for use by healthcare workers

EN 149:2001+A1:2009 Performance requirement	EN 149:2001+A1:2009 Test method clause	Requirement	Assessment
7.7 Practical performance The particle filtering half mask shall undergo practical performance tests under realistic conditions. These general tests serve the purpose of checking the equipment for imperfections that cannot be determined by the tests described elsewhere in this standard. Where practical performance tests show the apparatus has imperfections related to wearer's acceptance, the test house shall provide full details of those parts of the practical performance tests which revealed these imperfections. *2 test subjects, masks tested 'As received'*	Testing shall be done in accordance with 8.4.	During the tests the particle filtering half mask shall be subjectively assessed by the wearer and after the test, comments on the following shall be recorded: a) head harness comfort; b) security of fastenings; c) field of vision; d) any other comments reported by the wearer on request.	Pass
7.9 Leakage **7.9.1 Total inward leakage** *5 test subjects, masks tested 'As received'*	Testing shall be done in accordance with 8.5.	All samples must achieve All individual exercise results tests shall be not greater than 11 % (for FFP2) and, in addition, all arithmetic means for the total inward leakage shall be not greater than 8 % (for FFP2)	Pass
7.9 Leakage **7.9.2 Penetration of filter material** *3 test samples masks tested 'As received', for NaCl (Sodium Chloride) and PO (Paraffin oil), 3min test*	Testing shall be done in accordance with 8.11	6% for both PO and NaCl	Pass
7.12 Carbon dioxide content of the inhalation air *3 test samples, masks tested 'As received'*	Testing shall be done in accordance with 8.7.	The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1,0 % (by volume).	Pass
7.16 Breathing resistance *3 test samples, masks tested 'As received'*	Testing shall be done in accordance with 8.9	The breathing resistances shall meet the requirements of; 30l/min – 0.7mbar (inhale) 95l/min – 2.4mbar (inhale) 160l/min – 3.0mbar (exhale)	Pass
Appendix A - Test Panel Data			
Product Photographs			

Glossary of Terms.

Pass: Complies. Tested by BSI engineers at BSI laboratories
Pass 1: Complies. Witnessed by BSI engineers in manufacturers laboratory.
Pass 2: Complies. Tests carried out by third party lab; results accepted by BSI.
Pass*: Report resulted in uncertainty and states that Compliance is more probable than non-compliance.
Fail: Non-compliance. Product does not meet the requirements of this clause.
Fail*: Report resulted in uncertainty and states that Non-compliance is more probable than compliance.
N/T: Not Tested
N/A: Not Applicable
AR: As Received
TC: Temperature Conditioned
SW: Simulated Wear
FT: Flow Tested
MS: Mechanical strength
MMDF: Manufactures Minimum Design Flow
MMDC: Manufactures Minimum Design Condition

Conditions of Issue.

This Test Report is issued subject to the conditions stated in current issue of 'BSI Terms of Service'. The results contained herein apply only to the particular sample(s) tested and to the specific tests carried out, as detailed in this Test Report. The issuing of this Test Report does not indicate any measure of Approval, Certification, Supervision, Control or Surveillance by BSI of any product. No extract, abridgement or abstraction from a Test Report may be published or used to advertise a product without the written consent of BSI, who reserve the absolute right to agree or reject all or any of the details of any items or publicity for which consent may be sought.

Should you wish to speak with BSI in relation to this report, please contact Customer Services on +44 (0)8450 80 9000.

BSI
Kitemark House
Maylands Avenue
Hemel Hempstead
Hertfordshire
HP2 4SQ

UKAS TESTING
0135

Opinions and Interpretations expressed herein are outside the scope of our UKAS accreditation.
Unless otherwise stated, any results not obtained from testing in a BSI laboratory are outside the scope of our UKAS accreditation.

Test Results.

Testing in accordance with BSI COVID-19 filtering face piece technical specification

BS EN 149:2001 +A1:2009 Technical testing specification for COVID-19 masks for use by healthcare workers

CLAUSE	REQUIREMENTS	ASSESSMENT
7.7	**Practical performance** The particle filtering half mask shall undergo practical performance tests under realistic conditions. These general tests serve the purpose of checking the equipment for imperfections that cannot be determined by the tests described elsewhere in this standard. Where practical performance tests show the apparatus has imperfections related to wearer's acceptance, the test house shall provide full details of those parts of the practical performance tests which revealed these imperfections. Test in accordance with clause 8.4 of the standard. ***Testing in accordance with BSI COVID-19 filtering face piece technical specification, for masks for use by healthcare workers*** *During the tests the particle filtering half mask shall be subjectively assessed by the wearer and after the test, comments on the following shall be recorded:* *a) head harness comfort; b) security of fastenings; c) field of vision; d) any other comments reported by the wearer on request.*	Pass

Table A: Practical performance

Test candidate	Sample	Comments				Assessment
		Head harness comfort	Security of fastenings	Field of vision	Any other comments	
MN1	1 AR	OK	OK	OK	None	Pass
JS2	2 AR	OK	OK	OK	None	Pass

7.9	**Leakage**	
7.9.1	Total inward leakage The laboratory tests shall indicate that the particle filtering half mask can be used by the wearer to protect with high probability against the potential hazard to be expected. The total inward leakage consists of three components: face seal leakage, exhalation valve leakage (if exhalation valve fitted) and filter penetration. Test in accordance with clause 8.5 of the standard. ***Testing in accordance with BSI COVID-19 filtering face piece technical specification, for masks for use by healthcare workers*** *5 test subjects, masks tested 'As received'. All individual exercise results tests shall be not greater than 11 % (for FFP2) and, in addition, all arithmetic means for the total inward leakage shall be not greater than 8 % (for FFP2).*	Pass

Table B: Clause 7.9.1 - Total inward leakage

Test candidate	Sample	Pre test condition	Inward Leakage (%)						Assessment
			A	B	C	D	E		
			Walking	Walking with head side to side	Walking with head up & down	Walking and talking	Walking	Average	
LM2	3	AR	2.2350	1.2774	3.8194	2.1138	1.6775	2.2246	Pass
CB1	4	AR	2.3942	2.7104	2.4508	2.5108	2.4491	2.5131	Pass
JS2	5	AR	2.2888	3.3965	4.7577	1.5232	7.1208	3.8189	Pass
SI1	6	AR	1.1845	3.5245	3.3689	4.7349	10.2449	4.6115	Pass
MM2	7	AR	0.1731	0.2815	0.7515	0.3519	0.2142	0.3544	Pass

Test Results. (Continued)

CLAUSE	REQUIREMENTS	ASSESSMENT
7.9.2	Penetration of filter material ***Testing in accordance with BSI COVID-19 filtering face piece technical specification, for masks for use by healthcare workers*** *3 test samples masks tested 'As received', for NaCl (Sodium Chloride) and PO (Paraffin oil), 3 min test. Testing shall be done in accordance with 8.11. 6% limit for both PO and NaCl*	Pass

Table C: Clause 8.11 - Sodium Chloride penetration test

Sample number	Pre-test condition	Flow through filter (l/min)	Penetration (%)	
			Limit	Actual
8	AR	95	< 6	0.6582
9	AR			0.6678
10	AR			0.6883

Table D: Clause 8.11 - Paraffin oil penetration test

Sample number	Pre-test condition	Flow through filter (l/min)	Penetration (%)	
			Limit	Actual
11	AR	95	< 6	4.3915
12	AR			4.7665
13	AR			4.3685

7.12 Carbon dioxide content of inhalation air

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

Test in accordance with clause 8.7 of the standard.

Table E: Clause 8.7 - Carbon Dioxide content of the inhalation air

Sample	Pre-test condition	Dead space CO_2 (%)	
		Limit	Measured
14	AR	< 1.0	0.50
15	AR		0.50
16	AR		0.45

Test Results. (Continued)

CLAUSE	REQUIREMENTS	ASSESSMENT
7.16	**Breathing resistance** ***Testing in accordance with BSI COVID-19 filtering face piece technical specification, for masks for use by healthcare workers*** *3 test samples masks tested 'As received'. Test in accordance with clause 8.9 of the standard.* *The breathing resistances shall meet the requirements of FFP2;* *30l/min – 0.7mbar (inhale), 95l/min – 2.4mbar (inhale), 160l/min – 3.0mbar (exhale)*	Pass

Table F: Clause 8.9 – Breathing resistance. Inhalation resistance at a continuous flow

Sample	Pre-test condition	Continuous flow (l/min)	Inhalation resistance (mbar)	
			Limit	Measured
17	AR	30	< 0.7	0.45
18	AR			0.44
19	AR			0.45
17	AR	95	< 2.4	1.43
18	AR			1.40
19	AR			1.42

Table G: Clause 8.9 – Breathing resistance. Exhalation resistance at a continuous flow, measured in five orientations with the worst case reported

Sample	Pre-test condition	Continuous flow (l/min)	Exhalation resistance (mbar)	
			Limit	Measured
17	AR	160	< 3.0	2.32
18	AR			2.29
19	AR			2.33

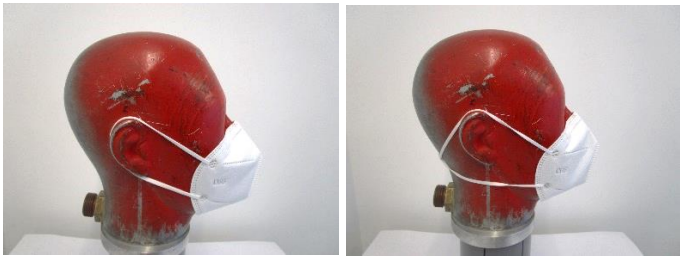
Appendix A. – Test Panel Data

Test Candidate	Facial Dimensions (mm)					Sex
	Length of face	Width of face	Face depth	Width of mouth	Head Circumference	
LM2	110	148	125	47	567	Male
JS2	126	142	125	57	575	Male
SI1	121	135	142	48	575	Male
MN1	115	137	142	60	585	Male
CB1	117	147	130	57	566	Male
MM2	119	150	115	53	595	Male

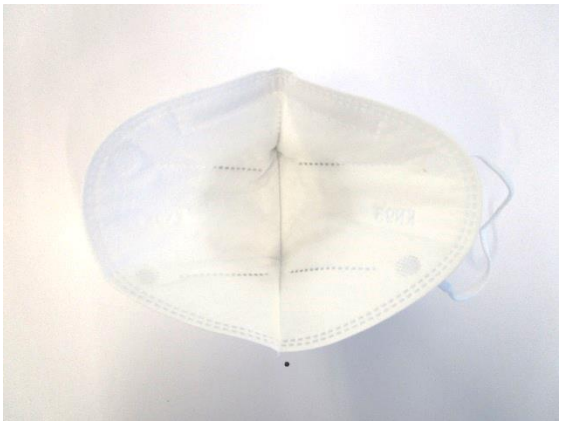
Note: All candidates were clean shaven

Product photographs.

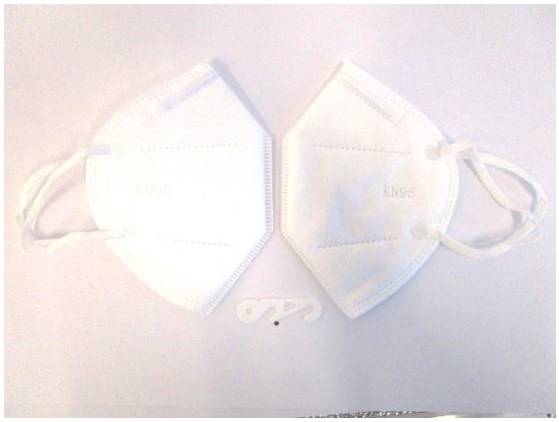
Front view



Side view



Inside view



Markings and head strap hook

End of Report