NO	MODEL	PRODUCT PICTURE	DESCRIPTION	BOX DETAIL
1	1000 FFP2 NR Partikel Masken		3D ADEL Schutzstufe (Just NFF) Faltbar CE-zertifiziert Entspricht den Normen EN 149: 2001 + A1: 2009 Anwendungen: Pharmazeutische Industrie / Keramik / Lebensmittel / Asbest / Krankenhauskeim / Virus / Chemikalien	1 KARTON ENTHÄLT 1000 STK. 39x39x66 cm



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CERTIFICATION

NB 2163

EU TYPE EXAMINATION CERTIFICATE

Certificate Number: 2163 - PPE - 680

BAŞARAN İŞ ELBİSELERİ İŞ GÜVENLİĞİ EKİPMANLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Factory : Demokrasi Caddesi Seriiven Sokak No:3 34956 Orhanlı Tuzla - İSTANBUL / TURKEY
are tested and evaluated according

EN 149:2001+A1:2009 Respiratory Protective Devices - Filtering Half Masks To Protect Against Particles - Requirements, Testing, Marking

Based on the type examination conducted with the evaluation of test reports, technical file according to Personal Protective Equipment Regulation (EU) 2016/425 Annex 5, it is approved that the product meets the requirements of the regulation.

Product Definition

Brand Name: ERA, **Model :** 1360

Filtering Half Mask
FFP3 NR

Here by the manufacturer is allowed to use notified body number (2163) and can fix CE mark as shown below, on the Category III product models given above, with;

- Issuing an appropriate EU Declaration of Conformity according to **Personal Protective Equipment Regulation (EU) 2016/425 Annex 9**.
- Ongoing successful performance in fulfilment of the requirements set out in Personal Protective **Equipment Regulation (EU) 2016/425** and harmonised standards, ensured by assessments based on **Annex 7 (Module C2) or Annex 8 (Module D)** of the regulation no later than 1 year from the beginning of serial production

This certificate is initially issued on **14/05/2020** and will be valid for 5 years if there is no change in the relevant harmonised standard affecting the essential health and safety requirements

CE
2163

Suat KAÇMAZ
UNIVERSAL CERTIFICATION
Director

EU DECLARATION OF CONFORMITY

According to EU Regulation 2016/425 on PPE

Filtering Half Mask

The Manufacturer
Başaran İş Elbiseleri ve İş Güvenliği
Ekp.San Tic.Ltd.Şti
Demokrasi Cad.Serüven Sok
No:3 34956 Orhanlı / Tuzla
Istanbul / Turkey

Confirms conformity to **Regulation (EU) 2016/425**
and standard(s) **EN 149:2001+A1:2009**

of the following PPE product:

ERA-Filtering Half Mask - To Protect Against Particles

Product Code : 1300 FFP3 V NR

The Notified Body : Universal Certification and Surveillance Service Trade Ltd. Co. **NB No. 2163 performed the EC type-examination, (Module B) and issued the EC type-examination certificate: CE 2163**

The PPE is subject to the conformity assessment procedure, conformity to type based on quality assurance of the production process, (Module C2), under surveillance of the notified body: Universal Certification and Surveillance Service Trade Ltd. Co

Signed for and on Behalf of Başaran İş Elb.ve İş Güv.Ekp San Tic Ltd.Şti

Date : 15/05/2020
Name: Mr Alpaslan Memiş
Function: General Manager

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CERTIFICATION

PPE PRODUCT CERTIFICATION AGREEMENT

1. PARTIES

1.1. **Notified Body**: UNIVERSAL SERTİFİKASYON VE GÖZETİM HİZM. TİC. LTD. ŞTİ.
Address: Necip Fazıl Bulvarı Kayışı Sitesi E2 Blok No:44/84 Yukarı Dudullu Umraniye, Istanbul / TURKEY
Phone: +90 216 455 80 80 Fax: +90 216 455 80 08 eMail: info@universalcert.com

hereinafter referred as "Notified Body".

1.2. **Applicant Body**: BAŞARAN İŞ ELBİSELERİ İŞ GÜVENLİĞİ EKİPMANLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Address: DEMOKRASİ CADDESİ SERÜVEN SOKAK NO:3 34950 ORHANLI / TUZLA / İSTANBUL

Phone: +90 216 3944759 Fax: +90 216 3944760 eMail: export@eminemaskesi.com

hereinafter referred as "Manufacturer"

1.3. **Manufacturer :**
(If the Applicant Body is the Manufacturer please leave empty)
Address:
Phone Fax eMail

1.4. Legal Basis of the work: 2016/425 EU Personel Protective Equipments Regulation

Legal basis will be indicated by terms as "Regulation" and standard clauses.

2. SCOPE OF THE CONTRACT

2.1. This contract specifies the conditions on the certification and the use of the certificates according to the regulation. The technical scope is the certification of **Brand Name :** ERA, **Model :** 1300 NR – FFP3, **Model :** 1310 V NR – FFP3, **Model :** 4310 V NR – FFP3 models according to EN 149:2001+A1:2009.

2.2. For products in Category III, the prefered conformity assessment model is:

☒ Module C2: Conformity to type based on internal production control plus supervised product checks at random intervals set out in Annex VII of Regulation;

☐ Module D: Conformity to type based on quality assurance of the production process set out in Annex VIII.

2.3. This contract is valid only for certifications published on UNIVERSAL CERTIFICATION web site www.universalcert.com and any certificate not published this web site will not be valid and UNIVERSAL CERTIFICATION will have no responsibility on such certificates. Information on any certificate issued under the rules of this contract shall be published on UNIVERSAL CERTIFICATION web site including the validity of certificate such suspension and withdrawal.

3. GENERAL RULES

3.1. EU Directive / Regulation on Personal Protective Devices is an integral part of this contract. The manufacturer, who signs this contract stipulates to fulfil all rules mentioned in this contract under all conditions.

3.2. All legal, financial and technical responsibility remains on the manufacturer related to the product and use of issued certificate under this contract.

3.3. The **manufacturer**, shall inform UNIVERSAL CERTIFICATION in advance on any change its address, legal structure or any plan for the change of product, and act according to the UNIVERSAL CERTIFICATION decision on the change.

3.4. The **manufacturer** take all necessary action to allow UNIVERSAL CERTIFICATION to access areas and records (i.e. internal audits, management reviews) and test reports related with the product to enable audits and resolution of any complaints.

3.5. The **manufacturer** shall not give declarations, such may damage the reputation of UNIVERSAL CERTIFICATION or may cause adversely the authorization of UNIVERSAL CERTIFICATION.

3.6. The **manufacturer** shall limit its claims of certification status only to the products within the scope of this contract.

3.7. The **manufacturer** shall not use any documentation, report or marks of certification in a misleading manner, shall follow this contract and regulation rules.

3.8. Any certificate issued under this contract will be under ownership of use for the manufacturer and cannot be transfered to any other entity. The legal responsibility of the misuse of the certificates by 3rd parties remains on manufacturer.

3.9. The **manufacturer** shall keep all records required by clause 8 of regulation on market surveillance and other technical regulations for a period starting from the production date or imported date to the end date stated in the relevant regulations. The manufacturer shall present any of such records when asked by authorized entities.

3.10. The certification of the products in Category II will be based on issuance of EU Declaration of Conformity by the manufacturer, following the EU Type Examination issued by a Notified Body as stated on Article 19 of the Personal Protective Equipments Regulation.

3.11. UNIVERSAL CERTIFICATION may conduct tests on the samples taken from the market, production or warehouses. The manufacturer will be informed on the test results. The expenses of the tests will be invoiced to the manufacturer.

3.12. The **manufacturer** declares that it will follow all rules stated in the regulations within the scope of this contract and will inform UNIVERSAL CERTIFICATION in advance on any change in the factory production system.

4. CERTIFICATION RULES

4.1. UNIVERSAL CERTIFICATION shall issue certificates in case the test results fulfils the relevant standard requirements and other technical requirements are met by the manufacturer / product.

5. SUSPENSION OF CERTIFICATION

5.1. The manufacturer shall stop immediately any advertisement which includes a reference to the certification and deliver back the certificate to UNIVERSAL CERTIFICATION in one month in case of a suspension or withdrawal of the certificate.

5.2. The certification can be suspended with the decision of UNIVERSAL CERTIFICATION Certification Committee not longer than 6 months, for the following listed cases:

- The voluntary request of the **manufacturer.**
- Inappropriate test results within the surveillance activities.
- Not following the certification rules.
- If certification or testing fees are not paid.

5.3. Suspension of certificate decision can be taken by UNIVERSAL CERTIFICATION Committee. The manufacturer shall be informed on suspension decision in written. UNIVERSAL CERTIFICATION may extend suspension duration once and maximum for three months with the decision of the Certification Committee.

6. TERMINATION OF SUSPENSION

6.1. The manufacturer will inform UNIVERSAL CERTIFICATION in written that the reasons for suspension are corrected. In this case UNIVERSAL CERTIFICATION may conduct an audit to verify that the corrective actions for suspension reasons are effective. If corrective actions are found effective then the suspension will be removed.

6.2. Suspension may also be removed according to the successfull results of the conducted tests. If the suspension reasons cannot be corrected then rules for withdrawal of certificate shall be followed.

6.3. Suspension and removal of suspension decisions shall be informed to manufacturer and also Notifying Authority in written.

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7. **WITHDRAWAL OF THE CERTIFICATE**

7.1. The certificate will be withdrawn in the following cases;

- Request of the manufacturer,
- Bankruptcy of the manufacturer or end of the production under certification,
- Change of the legal entity of the manufacturer,
- The manufacturer refuses suspension conditions,
- The manufacturer does not take necessary corrective actions for suspension reasons,
- If the test results are not successful in the end of suspension period,
- If the manufacturer uses the certificate beyond its scope in a misleading manner,
- If the manufacturer not found in the given address on the certificate,
- If the manufacturer makes illegal change on the certificate and annexes.

7.2. In case the certificate is withdrawn, the manufacturer shall fulfill the following responsibilities;

- Shall stop using UNIVERSAL CERTIFICATION certificate and marks,
- Disclaim any rights with the certification,
- Pay any remaining certification or testing fees.

7.3. The manufacturer shall stop using UNIVERSAL CERTIFICATION mark on any written or electronic media and advertisement within 1 month from the withdrawn date. Otherwise UNIVERSAL CERTIFICATION will use legal rights to recover any commercial and reputation loss also inform the Notifying Authority.

8. **PRICES and PAYMENT**

8.1. Certification Price: **2000 Euro** (VAT not included)

The price for evaluation of the fulfilment of products, in the scope of this contract, of requirements set out in the Annex(es) ZA of the relevant standards and evaluation of fulfilment of other requirements set out in corresponding EU regulations. This price shall be paid in advance of the issuance of the certificate.

8.2. Surveillance Audit Price: 750 Euro / Model + Test fee 300 Euro / Model (VAT not included)

Accordingly, for a total of 3 models Module C2 Audit Fee 2250 Euro + Test fee 900 Euro – VAT not included

The price for the yearly surveillance audit performed each year after the issuance of the certification and shall be paid before the audit. (For Category II products surveillance audit prices does not apply)

8.3. The price for certificates to be issued in different languages than Turkish and English will be 150 € Plus VAT. Turkish and English certificates are free of charge).

8.4. For Category III products, in the case of Module C2 preference the test expenses of the products taken from market, production or warehouses will be invoiced to the manufacturer.

9. **COMPLAINTS AND APPEALS**

9.1. **Complaints and appeals on the certification services**

The complaints and appeals can be delivered in written (prefered) or oral to UNIVRSAL CERTIFICATION during or after the certification service.

All complaints and appeals will be handled by UNIVERSAL CERTIFICATION within one month after the complaint or appeal date.

9.2. **Complaints about the manufacturer**

All complaints about the manufacturer in written or oral shall be recorded by UNIVERSAL CERTIFICATION. The manufacturer shall inform UNIVERSAL CERTIFICATION in written within one month after information about the actions taken related with the complaint. The manufacturer shall have its own system for handling of complaints.

UNIVERSAL CERTIFICATION will inform the client on the actions taken by manufacturer.

10. **LEGAL AND MAILING ADDRESSES**

10.1. The addresses in this contract will be legal mailing address for both parties. The registered and reply paid posts to these addresses are accepted to be legal notices.

11. **CONFLICTS**

11.1. The conflicts on the application of this contract the competent court shall be in Istanbul Turkey.

12. **CONRACT DATE AND VALIDITY**

12.1. This contract is four (4) pages and composed of (twelve) 12 clauses.

12.2. This contract is prepared in two copies each original copy to each party's read, agreed and signed.

12.3. The contract is valid with the date of signatures of both parties.

	UNIVERSAL CERTIFICATION	MANUFACTURER
Fullname and Position		
Stamp & Signature		
Date	14/05/2020	14/05/2020

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CERTIFICATION

TECHNICAL ASSESSMENT REPORT

REPORT DATE / NO: 14.05.2020 / 2163-KKD-680

Client: BAŞARAN İş Elbiseleri İş Güvenliği Ekipmanları Sanayi Ve Ticaret Limited Şirketi
Address: Demokrasi Caddesi Sertiven Sokak No:3 34956 Orhanlı Tuzla / İSTANBUL

This report is for the, given above, manufacturer prepared according to the test results obtained for the product dated 12.05.2020 with ID 05-2020-TUBİ based on EN 149: 2001 + A1: 2009 standard, The technical file of the manufacturer, and risk evaluation against the essential health safety requirements and the test report evaluated for their relation with Essential Requirements of Personal Protective Equipment Regulation and found to be appropriate.

This report is an annex and an integral part of the EU Type Examination Certificate No. 2163 - PPE - 680 issued to the manufacturer. The test results and issued certificate belongs only to the tested model. The technical report consists of a total of 6 pages.

Product Description: Particle Filtering Half Mask
Total Inward Leakage: Classification – FFP3
Trademark: ERA
Model: 1300

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THE CLAUSES OF EN 149: 2001 + A1: 2009 STANDARD RELATED TO EUROPEAN UNION REGULATION EU 2016/425 REQUIREMENTS

1.1. Design principles

1.1.1. Ergonomics

PPE must be so designed and manufactured that in the foreseeable conditions of use for which it is intended the user can perform the risk related activity normally whilst enjoying appropriate protection of the highest possible level.

1.1.2. Levels and classes of protection

1.1.2.1. Highest level of protection possible

The optimum level of protection to be taken into account in the design is that beyond which the constraints by the wearing of the PPE would prevent its effective use during the period of exposure to the risk or normal performance of the activity.

1.1.2.2. Classes of protection appropriate to different levels of risk

Where differing foreseeable conditions of use are such that several levels of the same risk can be distinguished, appropriate classes of protection must be taken into account in the design of the PPE.

1.2. Innocuousness of PPE

1.2.1. Absence of risks and other inherent nuisance factors

PPE must be so designed and manufactured as to preclude risks and other nuisance factors under foreseeable conditions of use.

1.2.1.1. Suitable constituent materials

The materials of which the PPE is made, including any of their possible decomposition products, must not adversely affect the health or safety of users.

1.2.1.2. Satisfactory surface condition of all PPE parts in contact with the user

Any part of the PPE that is in contact or is liable to come into contact with the user when the PPE is worn must be free of rough surfaces, sharp edges, sharp points and the like which could cause excessive irritation or injuries.

1.2.1.3. Maximum permissible user impediment

Any impediment caused by PPE to movements to be made, postures to be adopted and sensory perception must be minimized; nor must PPE cause movements which endanger the user or other persons.

1.3 Comfort and effectiveness

1.3.1. Adaptation of PPE to user morphology

PPE must be designed and manufactured in such a way as to facilitate its correct positioning on the user and to remain in place for the foreseeable period of use, bearing in mind ambient factors, the actions to be carried out and the postures to be adopted. For this purpose, it must be possible to adapt the PPE to fit the morphology of the user by all appropriate means, such as adequate adjustment and attachment systems or the provision of an adequate range of sizes.

1.3.2. Lightness and design strength

PPE must be as light as possible without prejudicing design strength and efficiency.

Apart from the specific additional requirements which they must satisfy in order to provide adequate protection against the risks in question (see 3), PPE must be capable of withstanding the effects of ambient phenomena inherent under the foreseeable conditions of use.

1.4. Information supplied by the manufacturer

The notes that must be drawn up by the former and supplied when PPE is placed on the market must contain all relevant information on:

a) In addition to the name and address of the manufacturer and/or his authorized representative established in the Community
b) Storage, use, cleaning, maintenance, servicing and disinfection. cleaning, maintenance or disinfectant protection recommended by manufacturers must have no adverse effect on PPE or users when applied in accordance with the relevant instructions;
c) Performance as recorded during technical tests to check the levels or classes of protection provided by the PPE in question;
d) Suitable PPE accessories and the characteristics of appropriate spare parts;
e) The classes of protection appropriate to different levels of risk and the corresponding limits of use.
f) The obsolescence deadline or period of obsolescence of PPE or certain of its components;
g) The type of packaging suitable for transport.
h) The significance of any marking(see 2.12)
i) Where appropriate the references of the Directives applied in accordance with Article3(6) (b);
j) The name, address and identification number of the notified body involved in the design stage of the PPE

These notes, which must be precise and comprehensible, must be provided at least in the official language(s) of the member state of destination

2. ADDITIONAL REQUIREMENTS COMMON TO SEVERAL CLASSES OR TYPES OF PPE

2.1. PPE incorporating adjustment systems

If PPE incorporates adjustment systems, the latter must be designed and manufactured so that, after adjustment, they do not become undone unintentionally in the foreseeable conditions of use.

2.3. PPE for the face, eyes and respiratory system

Any restriction of the user's face, eyes, field of vision or respiratory system by the PPE shall be minimised.

The screens for those types of PPE must have a degree of optical neutrality that is compatible with the degree of precision and the duration of the activities of the user.

If necessary, such PPE must be treated or provided with means to prevent misting-up.

Models of PPE intended for users requiring sight correction must be compatible with the wearing of spectacles or contact lenses.

2.4. PPE subject to ageing

If it is known that the design performance of new PPE may be significantly affected by ageing, the month and year of manufacture and/or, if possible, the month and year of obsolescence must be indelibly and unambiguously marked on each item of PPE placed on the market and on its packaging.

If the manufacturer is unable to give an undertaking with regard to the useful life of the PPE, his instructions must provide all the information necessary to enable the purchaser or user to establish a reasonable obsolescence month and year, taking into account the quality level of the model and the effective conditions of storage, use, cleaning, servicing and maintenance.

Where appreciable and rapid deterioration in PPE performance is likely to be caused by ageing resulting from the periodic use of a cleaning process recommended by the manufacturer, the latter must, if possible, affix a marking to each item of PPE placed on the market indicating the maximum number of cleaning operations that may be carried out before the equipment needs to be inspected or discarded. Where such a marking is not affixed, the manufacturer must give that information in his instructions.

2.6. PPE for use in potentially explosive atmospheres

PPE intended for use in potentially explosive atmospheres must be designed and manufactured in such a way that it cannot be the source of an electric, electrostatic or impact-induced arc or spark likely to cause an explosive mixture to ignite.

2.8. PPE for intervention in very dangerous situations

The instructions supplied by the manufacturer with PPE for intervention in very dangerous situations must include, in particular, data intended for competent, trained persons who are qualified to interpret them and ensure their application by the user.

The instructions must also describe the procedure to be adopted in order to verify that PPE is correctly adjusted and functional when worn by the user.

Where PPE incorporates an alarm which is activated in the absence of the level of protection normally provided, the alarm must be designed and placed so that it can be perceived by the user in the foreseeable conditions of use.

2.9. PPE incorporating components which can be adjusted or removed by the user

Where PPE incorporates components which can be attached, adjusted or removed by the user for replacement purposes, such components must be designed and manufactured so that they can be easily attached, adjusted and removed without tools.

2.12. PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety

The identification or recognition marks directly or indirectly relating to health and safety affixed to these types or classes of must preferably take the form of harmonised pictograms or ideograms and must remain perfectly legible throughout the foreseeableuseful life of the PPE. In addition, these marks must be complete, precise and comprehensible so as to prevent any misinterpretation; in particular, where such marks incorporate words or sentences, the latter must appear in the official language(s) of the Member State where the equipment is to be used.

If PPE (or a PPE component) is too small to allow all or part of the necessary marking to be affixed, the relevant information must be mentioned on the packing and in the manufacturer's notes.

3. ADDITIONAL REQUIREMENTS SPECIFIC TO PARTICULAR RISKS

3.10.2. Protection against cutaneous and ocular contact

PPE intended to prevent the surface contact of all or part of the body with substances and mixtures which are hazardous to health or with harmful biological agents must be capable of preventing the penetration or permeation of such substances and mixtures and agents through the protective integument under the foreseeable conditions of use for which the PPE is intended.

To this end, the constituent materials and other components of these types of PPE must be chosen or designed and incorporated so as to ensure, as far as possible, complete leak-tightness, which will allow where necessary prolonged daily use or, failing this, limited leak-tightness necessitating a restriction of the period of wear.

Where, by virtue of their nature and the foreseeable conditions of their use, certain substances and mixtures which are hazardous to health or harmful biological agents possess high penetrative power which limits the duration of the protection provided by the PPE in question, the latter must be subjected to standard tests with a view to their classification on the basis of their performance. PPE which is considered to be in conformity with the test specifications must bear a marking indicating, in particular, the names or, in the absence of the names, the codes of the substances used in the tests and the corresponding standard period of protection. The manufacturer's instructions must also contain, in particular, an explanation of the codes (if necessary), a detailed description of the standard tests and all appropriate information for the determination of the maximum permissible period of wear under the different foreseeable conditions of use.

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Technical Assessment of EN 149: 2001 + A1: 2009 Standard and other Standards it refers to, Clauses Corresponding to the (EU) 2016/425 Directive

Conformity to EN 149:2001 + A1:2009 Standard Requirements

Article 5	**Classification :** Particle Filtering Half Mask Total Inward Leakage: Classification – FFP3
Article 7.4	**Packing:** Particle filtering half masks are packaged to protect them from contamination before use and with cardboard boxes to prevent mechanical damage.
Article 7.5	**Material:** Materials used in particle filtering half masks, according to the simulated wearing treatment and temperature conditioning reports; it is understood withstand handling and wear over the period for which the particle filtering half mask is designed to be used, suffered mechanical failure of the facepiece or straps, any material from the filter media released by the air flow through the filter has not constitute a hazard or nuisance for the wearer.
Article 7.6	**Cleaning and Disinfection:** Particle filtering half mask is not designed to be as re-usable.
Article 7.7	**Practical Performance :** (see table below) **Conditioning :** (A.R.) As Received, original
Article 7.8	**Finish of Parts:** Particle filtering half masks, which are likely to come into contact with the user, do not have sharp edges and do not contain burrs.
Article 7.9.1	**Total Inward Leakage** (see table below)
Article 7.9.2	**Penetration of filter material: Sodium Chloride Testing** (see table below)

Practical Performance :

Assessed Elements	Positive	Negative	Requirements in accordance with EN 149:2001 + A1:2009 and Result
1.The face piece fitting	2	0	Positive results should be obtained from the performance tests related to the implementation under real conditions. No imperfections
2.Head harness comfort	2	0	
3.Security of fastenings	2	0	
4.Speech clearness	2	0	
5.Field of vision	2	0	
6.Materials compatibility with skin	2	0	

Conditioning : (A.R.) As Received, original

Total Inward Leakage

Test Subject	No.of sample	Condition	1.Walk	Head left/right	Head up/down	Speech	2. Walk	Average
1	31	A.R.	1,54	1,7	1,68	2,1	1,9	1,78
2	32	A.R.	2,1	1,91	1,62	2,2	1,4	1,85
3	33	A.R.	1,9	1,98	2,12	2,15	2,23	2,08
4	34	A.R.	1,87	1,5	1,79	2,25	2,43	1,93
5	35	A.R.	1,13	1,35	1,98	2,05	2,1	1,81
6	16	T.C.	1,79	1,54	2,23	2,17	2,14	1,97
7	17	T.C.	1,89	1,59	1,83	2,2	2,1	1,87
8	18	T.C.	2,1	1,70	1,79	2,05	2,1	1,96
9	19	T.C.	1,99	2,2	2,1	1,65	2,1	2,01
10	20	T.C.	1,34	2,1	2,2	1,87	1,92	1,89
Average			1,74	1,76	1,94	2,07	2,06	1,92
Min			1,13	1,35	1,62	1,65	1,4	1,78
Max			2,1	2,2	2,23	2,25	2,43	2,08

Conditioning : (A.R.) As Received, original
(T.C.) Temperature conditioning

Results P (%) Leakage Value

Results meet with FFP3 requirements

Penetration of filter material: Sodium Chloride Testing

Condition	No. of Sample	Sodium Chloride Testing 95 L/min max (%)	Requirements in accordance with EN 149:2001 + A1:2009	Result
(A.R.)	36	0,12	FFP1 ≤ 20 % FFP2 ≤ 6 % FFP3 ≤ 1 %	Filtering half masks fulfill the requirements of the standard EN EN 149:2001 + A1:2009 given in 7.9.2 in range of the first and second protection class (FFP1, FFP2, FFP3)
(A.R.)	37	0,41		
(A.R.)	38	0,33		
(S.W.)	1	0,89		
(S.W.)	2	0,92		
(S.W.)	3	0,76		
(M.S. T.C.)	10	0,89		
(M.S. T.C.)	11	1,00		
(M.S. T.C.)	12	0,63		

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

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

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Article 7.9.2

Penetration of filter material : Paraffin Oil Testing

Condition	No. of Sample	Paraffin Oil Testing 95 L/min max (%)	Requirements in accordance with EN 149:2001 + A1:2009	Result
(A.R.)	39	0,72	FFP1 ≤ 20 %	Filtering half masks fulfill the requirements of the standard EN EN 149:2001 + A1:2009 given in 7.9.2 in range of the first and second protection class (FFP1, FFP2, FFP3)
(A.R.)	40	0,91		
(A.R.)	41	0,86		
(S.W.)	4	0,92	FFP2 ≤ 6 %	
(S.W.)	5	0,79		
(S.W.)	6	1,01	FFP3 ≤ 1 %	
(M.S. T.C.)	13	0,89		
(M.S. T.C.)	14	0,93		
(M.S. T.C.)	15	0,61		

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

Article 7.10

Compatibility with skin: In Practical Performance report, the likelihood of mask materials in contact with the skin causing irritation or other adverse effect on health was not reported.

Article 7.11

Flammability :

Condition	No. of Sample	Visual Inspection	Requirements in accordance with EN 149:2001 + A1:2009	Result
(A.R.)	45	2,4	Filtering half mask shall not burn or not continue to burn for more than 5 s after removal from the flame	Passed Filtering half masks fulfill requirements of the standard
(A.R.)	46	1,8		
(T.C.)	31	2,3		
(T.C.)	32	3,1		

Conditioning : (A.R.) As Received, original
(T.C.) Temperature Conditioning

Article 7.12

Carbon dioxide content of the inhalation air:

Condition	No. of Sample	CO_2 content of the inhalation air [%] by volume	An average CO_2 content of the inhalation air	Requirements in accordance with EN 149:2001 + A1:2009	Result
(A.R.)	26	0,78	0,72	CO_2 content of the inhalation air shall not exceed an average of 1,0% by volume	Passed Filtering half masks fulfill requirements of the standard
(A.R.)	27	0,74			
(A.R.)	28	0,63			

Conditioning : (A.R.) As Received, original

Article 7.13

Head harness: In Practical Performance report, No adverse effects have been reported for holding the mask of the head harness firmly in position, for total inward leakage properties.

Article 7.14

Field of vision : In Practical Performance report, No adverse effects were reported for the field of vision features.

Article 7.16

Breathing Resistance: Inhalation

Condition	Inhalation Resistance (mbar)					
	No. of Sample	Flow Rate 30 L/min	Requirements in accordance with EN 149:2001 + A1:2009	Flow Rate 95 L/min	Requirements in accordance with EN 149:2001 + A1:2009	Result
(A.R.)	42	0,8	FFP1 ≤ 0,6	2,7	FFP1 ≤ 2,1	Passed
(A.R.)	43	0,6		2,3		
(A.R.)	44	0,7		2,6		
(S.W.)	7	0,8	FFP2 ≤ 0,7	2,4	FFP2 ≤ 2,4	
(S.W.)	8	0,7		2,7		
(S.W.)	9	0,6	FFP3 ≤ 1,0	2,6	FFP3 ≤ 3,0	
(T.C.)	23	0,8		3,4		
(T.C.)	24	0,9		2,8		
(T.C.)	25	0,6		2,2		

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

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Article 7.16	Breathing Resistance : Inhalation (table below)

No. of Sample	Condition	Flow rate	Facing downfly	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side	Requirement in accordance with EN 149:2001+A1:2009	Assessment of Test Result: Conformity/Non-conformity
42	As received	160 l/min	2,3	2,5	2,4	2,7	2,6	FFP1 ≤ 3,0 FFP2 ≤ 3,0 FFP3 ≤ 3,0	Passed
43			2,2	2,7	2,6	2,5	2,8		Passed
44			2,1	2,6	2,5	2,5	2,7		Passed
7	Simulated wearing treatment		2,3	2,4	2,3	2,4	2,4		Passed
8			2,3	2,3	2,5	2,6	2,6		Passed
9			2,3	2,3	2,6	2,7	2,8		Passed
23	Temperature conditioned		2,1	2,4	2,7	2,5	2,7		Passed
24			2,5	2,5	2,4	2,8	2,7		Passed
25			2,6	2,4	2,5	2,6	2,8		Passed

Article 7.17.2	**Clogging :** This test is not applied to Particle Filtering Half Mask which is not reusable. *(For single shift use devices, the clogging test is optional test. For re-usable devices test is mandatory.)*
Article 7.17.3	**Penetration of filter material:** This test is not applied to Particle Filtering Half Mask which is not reusable.
Article 7.18	**Demountable Parts:** There are no demountable parts on the product.
Article 9	**Marking – Packaging:** Necessary markings are available on the product and its packaging.
Article 10	**Information to be supplied by the manufacturer:** In each of the smallest commercially available packaging of the product, implementation (installation instruction) pre-use controls, warning and usage limitations, storage and meanings of symbols / pictograms are defined.

PREPARED BY	APPROVED BY
Murat AYDEMİR PPE Expert	**Suat KAÇMAZ** General Manager

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UNIVERSAL CERTIFICATION and SURVEILLANCE SERVICES TRADE CO.
Necip Fazil Bulvari Keyap Sitesi E2 Blok No:44/84 Yukari Dudullu Umraniye, Istanbul / TURKEY

TEST REPORT

Report Date: 12.05.2020
Report Number: 05-2020-T-085

CLIENT and SAMPLE INFORMATION

TEST OWNER	BAŞARAN İş Elbiseleri İş Güvenliği Ekipmanları Sanayi Ve Ticaret Limited Şirketi			
ADDRESS	Demokrasi Caddesi Sertiven Sokak No:3 34956 Orhanlı Tuzla / İSTANBUL			
SAMPLE DESCRIPTION	V shaped, folding type protective mask (See end of test report for sample photo)			
BRAND NAME – MODEL	ERA 1300			
TESTING STANDARD	EN 149+A1:2009			
CASE NUMBER	CE-PPE-1966			
SAMPLE RECEIVE DATE	10.04.2020	TESTING START DATE	03.04.2020	
DISINFECTION INSTRUCTION Uygun ise / If applicable	Not given, single use only			
NUMBER OF SAMPLES	50	SAMPLE IDs:	1 – 46	
AS RECEIVED SAMPLE NO	26-46			
CONDITIONING SAMPLE NO	Simulated wearing treatment	1-2-3-4-5-6-7-8-9 (As Received)		
	Temperature conditioning	10-11-12-13-14-15 (Sample after test of Mechanical Strength)		
		16-17-18-19-20-21-22-23-24-25 (As Received)		
	Mechanical strength	10-11-12-13-14-15 (As Received)		

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Suat KAÇMAZ
Director

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1. *REPORT SUMMARY*

TEST STANDARD	*TEST NAME*	*RESULT*	*EVALUATION*
EN 149:2001 + A1:2009 clause 8.5 EN 13274-1:2001	Total Inward Leakage Testing	**Pass**	**FFP3**
EN 149:2001 + A1:2009 clause 8.11 EN 13274-7:2019	Penetration of Filter Material	**Pass**	**FFP3**
EN 149:2001 + A1:2009 clause 8.6 EN 13274-4:2001	Flammability Testing	**Pass**	**See result**
EN 149:2001 + A1:2009 clause 8.7 EN 13274-6:2001	Carbon Dioxide Content of The Inhalation Air Testing	**Pass**	**See result**
EN 149:2001 + A1:2009 clause 8.9 EN 13274-3:2001	Breathing Inhalation Resistance-30 l/min	**Pass**	**See results**
	Breathing Inhalation Resistance-95 l/min	**Pass**	**See results**
EN 149:2001 + A1:2009 clause 8.9 EN 13274-3:2001	Exhalation Resistance, flow rate 160 l/min	**Pass**	**See result**

2. *TEST RESULTS and EVALUATION*

7.4 PACKAGING (EN 149:2001 + A1:2009 clause 8.2)

Test Method: Clause 8.2-Visual inspection

REQUIREMENT	RESULTS	COMMENT
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	The masks were packaged in sealed plastic bags, in larger plastic bags inside a large cardboard box that gave some protection against mechanical damage or contamination before use

Lab A

7.5 MATERIAL (EN 149:2001 + A1:2009 clause 8.2, 8.3.1, 8.3.2)

Test Method: Clause 8.2-Visual inspection

Clause 8.3.1-Simulated wearing treatment

A breathing machine is adjusted to 25 cycles/min and 2,0 l/stroke. The particle filtering half mask was mounted on a Sheffield dummy head.

For testing, a saturator is incorporated in the exhalation line between the breathing machine and the dummy head, the saturator being set at a temperature in excess of 37 °C to allow for the cooling of the air before it reaches the mouth of the dummy head.

The air has been saturated at (37 ± 2) °C at the mouth of the dummy head.

Clause 8.3.2-Temperature conditioning

The ambient temperature for testing has been between 16 °C and 32 °C and the temperature limits has been subject to an accuracy of ±1 °C.

a) for 24 h to a dry atmosphere of (70 ± 3) °C;

b) for 24 h to a temperature of (-30 ± 3) °C; and allow to return to room temperature for at least 4 h between exposures and prior to subsequent testing. The conditioning has been carried out in a manner which ensures that no thermal shock occurs.

REQUIREMENT	RESULTS	COMMENT
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	The materials used were able to withstand handling and wear during the limited laboratory testing carried out.
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	It was not constitute a hazard or nuisance for the wearer.
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.	Pass	None of the specimens conditioned suffered mechanical failure.
When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask shall not collapse.	Pass	None of the specimens had not collapse after conditioning.

Lab B

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7.6 CLEANING AND DISINFECTING (EN 149:2001 + A1:2009 clause 8.4, 8.5, 8.11)

Test Method: Described in Clause 8.4, 8.5 and 8.11

REQUIREMENT	RESULTS	COMMENT
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 manufacturer. With reference to 7.9.2, after cleaning and disinfecting the re-usable particle filtering half mask shall satisfy the penetration requirement of the relevant class.	N/A	This article is not applicable for tested protective mask which is single use disposable mask.

7.7 PRACTICAL PERFORMANCE (EN 149:2001 + A1:2009 clause 8.4)

Test Method: Described in Clause 8.4

REQUIREMENT	RESULTS	COMMENT
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 can not be determined by the tests described elsewhere in this standard.	No imperfections	Detail refer to Annex I

Annex I-Test Result:

Number of sample: 29 (A.R), 30 (A.R)

Assessed elements	Positive Assessment	Negative Assessment	Requirements in accordance with EN 149:2001+A1:2009	Assessment of Test Result Conformity / Nonconformity
The face piece fitting Head harness comfort Security of fastenings Speech clearness Field of vision Materials compatibility with skin	2 2 2 2 2 2	0 0 0 0 0 0	Filtering half masks should not have imperfections related to wearer's acceptance	Filtering half masks fulfil requirements of the standard EN 149:2001 + A1:2009 given in 7.7 No imperfections

Lab B

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7.8 FINISH OF PARTS (EN 149:2001 + A1:2009 clause 8.2)

Test Method: Described in Clause 8.2

REQUIREMENT	RESULTS	COMMENT
Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs	Pass	None of the specimens used in laboratory testing showed evidence of sharp edges or burrs.

Lab A

7.9.1 TOTAL INWARD LEAKAGE (EN 149:2001 + A1:2009 clause 8.5)

Test Method: Described in Clause 8.5

REQUIREMENT	RESULTS	COMMENT
The total inward leakage consists of three components: face seal leakage, exhalation value leakage (if exhalation value fitted) and filter penetration. For particle filtering half masks fitted in accordance with the manufacturer's information, at least 46 out of the 50 individual results shall be not greater than: 25 % for FFP1, 11 % for FFP2, 5 % for FFP3 and in addition at least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall not be greater than: 22 % for FFP1, 8 % for FFP2 2 % for FFP3	Pass	Classified as FFP3 Detail refer to Annex II

Annex II-Test Result:

The test results obtained are given in the tables as follows

Test Subject	No of sample	Cond.	1. Walk (%)	Head side/ side (%)	Head up/down (%)	Talk (%)	2. Walk (%)	Mean (%)
1	31	A.R.	1,54	1,7	1,68	2,1	1,9	1,78
2	32	A.R.	2,1	1,91	1,62	2,2	1,4	1,85
3	33	A.R.	1,9	1,98	2,12	2,15	2,23	2,08
4	34	A.R.	1,67	1,5	1,79	2,25	2,45	1,93
5	35	A.R.	1,15	1,55	1,98	2,05	2,3	1,81
6	16	T.C.	1,79	1,54	2,23	2,17	2,14	1,97
7	17	T.C.	1,85	1,35	1,87	2,2	2,1	1,87
8	18	T.C.	2,1	1,79	1,79	2,03	2,1	1,96
9	19	T.C.	1,99	2,2	2,1	1,65	2,1	2,01
10	20	T.C.	1,34	2,1	2,2	1,87	1,92	1,89
At least 46 of 50 individual exercise results were not greater than 5 % At least 8 of 10 individual wearer arithmetic means were not greater than 2 %								Pass (FFP3)

Lab B

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7.9.2 PENETRATION OF FILTER MATERIAL (EN 149:2001 + A1:2009 clause 8.11)

Test Method: Described in Clause 8.11

REQUIREMENT			RESULTS	COMMENT
Classification	Max penetration of test aerosol		Pass	Detail refer to Annex IIIA and IIIB
	NaCl test 95 l/min %max	Paraffin oil test 95 l/min %max		
FFP1	20	20		
FFP2	6	6		
FFP3	1	1		

Annex IIIA-Test Result:
The test results obtained are given in the tables as follows:

No. of Sample	Condition	Penetration of Sodium Chloride in accordance with EN 13274-7:2019 [%] Flow rate 95 l/min	Requirements in accordance with EN 149:2001+A1:2009	Assessment of Test Result Conformity / Nonconformity
36	As received	0,12	FFP1 ≤ 20 % FFP2 ≤ 6 % FFP3 ≤ 1 %	Passed Filtering half masks fulfil the requirements of the standard EN 149:2001+A1:2009 given in 7.9.2 in range of the first and the second protection class (FFP1, FFP2, FFP3)
37		0,41		
38		0,53		
1	Simulated wearing treatment	0,89		
2		0,92		
3		0,76		
10	Mechanical strength + Temperature conditioned	0,89		
11		1,00		
12		0,65		

Annex IIIB-Test Result:
The test results obtained are given in the tables as follows:

No. of Sample	Condition	Penetration of Paraffin Oil Mist in accordance with EN 13274-7:2019 [%] Flow rate 95 l/min	Requirements in accordance with EN 149:2001+A1:2009	Assessment of Test Result Conformity / Nonconformity
39	As received	0,72	FFP1 ≤ 20 % FFP2 ≤ 6 % FFP3 ≤ 1 %	Passed Filtering half masks fulfil the requirements of the standard EN 149:2001+A1:2009 given in 7.9.2 in range of the first and the second protection class (FFP1, FFP2, FFP3)
40		0,91		
41		0,86		
4	Simulated wearing treatment	0,92		
5		0,79		
6		1,01		
13	Mechanical strength + Temperature conditioned	0,89		
14		0,93		
15		0,65		

Lab A + B

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7.10 COMPATIBILITY WITH SKIN (EN 149:2001 + A1:2009 clause 8.4, 8.5)

Test Method: Described in Clause 8.4 and 8.5.

REQUIREMENT	RESULTS	COMMENT
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	No irritation or any other adverse effect to health or sensitivity reported by the subjects.

Lab B

7.11 FLAMMABILITY (EN 149:2001 + A1:2009 clause 8.6)

Test Method: Described in Clause 8.6

REQUIREMENT	RESULTS	COMMENT
The material used shall not present a danger for the wearer and shall not be of highly flammable nature. When tested, the particle filtering half mask shall not burn or not to continue to burn 5s after removal from the flame.	Pass	Detail refer to Annex IV

Annex IV-Test Result:

The test results obtained are given in the tables as follows:

No. of Sample	Condition	Visual inspection	Requirements in accordance with EN 149:2001+A1:2009	Assessment of Test Result Conformity / Nonconformity
45	As received	2.4	Filtering half mask shall not burn or not continue to burn for more than 5 s after removal from the flame	Passed Filtering half masks fulfil requirements of the standard EN 149:2001 + A1:2009 given in 7.11
46		1.8		
21	Temperature conditioned	2.3		
22		3.1		

Lab B

7.12 CARBON DIOXIDE CONTENT OF THE INHALATION AIR (EN 149:2001 + A1:2009 clause 8.7)

Test Method: Described in Clause 8.7

REQUIREMENT	RESULTS	COMMENT
The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1,0 % (by volume)	Pass	Detail refer to Annex V

Annex V-Test Result:

The test results obtained are given in the tables as follows:

No. of Sample	Condition	CO_2 content of the inhalation air [%] by volume	An average CO_2 content of the inhalation air [%] by volume	Requirements in accordance with EN 149:2001+A1:2009	Assessment of Test Result Conformity / Nonconformity
26	As received	0,78	0,72	CO_2 content of the inhalation air shall not exceed an average of 1,0% by volume	Passed Filtering half masks fulfil requirements of the standard EN 149:2001 + A1:2009 given in 7.12
27		0,74			
28		0,63			

Lab B

7.13 HEAD HARNESS (EN 149:2001 + A1:2009 clause 8.4, 8.5)

Test Method: Described in Clause 8.4, 8.5

REQUIREMENT	RESULTS	COMMENT
The head harness shall be designed so that the particle filtering half-mask can be donned and removed easily.	Pass	No problem with the head harness reported by the wearers during the practical performance test.
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 capable of maintaining total inward leakage requirements for the device.	Pass	No problem with the head harness reported by the wearers during the practical performance test.

Lab B

7.14 FIELD OF VISION (EN 149:2001 + A1:2009 clause 8.4)

Test Method: Described in Clause 8.4

REQUIREMENT	RESULTS	COMMENT
The field of vision is acceptable if determined so in practical performance tests.	Pass	There were no adverse comments following practical performance tests.

Lab B

7.15 EXHALATION VALVE (EN 149:2001 + A1:2009 clause 8.2, 8.3.4, 8.8, 8.9.1)

Test Method: Clause 8.2, 8.3.4, 8.8, 8.9.1

REQUIREMENT	RESULTS	COMMENT
A particle filtering half mask may have one or more exhalation valve(s), which shall function correctly in all orientations.	N/A	No exhalation valve in tested samples.
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 may be necessary for the particle filtering half mask to comply with 7.9	N/A	No exhalation valve in tested samples.
Exhalation valve(s), if fitted, shall continue to operate correctly after a continuous exhalation flow of 300 l/min over a period of 30s.	N/A	No exhalation valve in tested samples.
When the exhalation valve housing is attached to the face blank, it shall withstand axially a tensile force of 10N applied for 10s.	N/A	No exhalation valve in tested samples.

Lab -

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7.16 BREATHING RESISTANCE (EN 149:2001 + A1:2009 clause 8.9)

Test Method: Described in Clause 8.9

REQUIREMENT	RESULTS	COMMENT
See table below	Pass	Classified as FFP3 Detail refer to Annex VIA-VIII

Classification	Max permitted resistance (mbar)		
	Inhalation		Exhalation
	30 l/min	95 l/min	160 l/min
FFP1	0.6	2.1	3.0
FFP2	0.7	2.4	3.0
FFP3	1.0	3.0	3.0

Annex VIA-Test Result:
The test results obtained are given in the tables as follows:

Inhalation Resistance

No. of Sample	Condition	Inhalation Resistance (mbar)				
		Flow rate 30 l/min	Requirements in accordance with EN 149:2001+A1:2009	Flow rate 95 l/min	Requirements in accordance with EN 149:2001+A1:2009	Assessment of Test Result Conformity / Nonconformity
42	As received	0,8	FFP1 ≤ 0,60 FFP2 ≤ 0,70 FFP3 ≤ 1,0	2,7	FFP1 ≤ 2,10 FFP2 ≤ 2,40 FFP3 ≤ 3,00	Passed
43		0,6		2,3		Passed
44		0,7		2,6		Passed
7	Simulated wearing treatment	0,8		2,4		Passed
8		0,7		2,7		Passed
9		0,8		2,6		Passed
23	Temperature conditioned	0,8		2,4		Passed
24		0,9		2,8		Passed
25		0,6		2,3		Passed

Exhalation Resistance

No. of Sample	Condition	Flow rate	Facing directly	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side	Requirements in accordance with EN 149:2001+A1:2009	Assessment Test Result Conformity Nonconformity
42	As received	160l/min	2,3	2,5	2,4	2,7	2,6	FFP1 ≤ 3,0 FFP2 ≤ 3,0 FFP3 ≤ 3,0	Passed
43			2,2	2,7	2,6	2,5	2,4		Passed
44			2,1	2,6	2,9	2,5	2,7		Passed
7	Simulated wearing treatment		2,1	2,4	2,5	2,4	2,4		Passed
8			2,2	2,3	2,5	2,6	2,6		Passed
9			2,3	2,3	2,6	2,7	2,8		Passed
23	Temperature conditioned		2,1	2,4	2,7	2,5	2,7		Passed
24			2,5	2,5	2,4	2,8	2,7		Passed
25			2,6	2,4	2,5	2,6	2,4		Passed

Lab A

7.17 CLOGGING (EN 149:2001 + A1:2009 clause 8.9, 8.10)

Test Method: Described in Clause 8.8, 8.10

REQUIREMENT	RESULTS	COMMENT
Valved particle filtering half masks: After clogging the inhalation resistances shall not exceed: FFP1:4mbar, FFP2:5mbar, FFP3:7mbar at 95L/min continuous flow. The exhalation resistance shall not exceed 3mbar at 160L/min continuous flow, Valveless particle filtering half masks: After clogging the inhalation resistances shall not exceed: FFP1:3mbar, FFP2:4mbar, FFP3:5mbar at 95L/min continuous flow	NAs	This is optional test and not desired by client.

Lab -

7.18 DEMOUNTABLE PARTS (EN 149:2001 + A1:2009 clause 8.2)

Test Method: Described in Clause 8.2

REQUIREMENT	RESULTS	COMMENT
All demountable parts (if fitted) shall be readily connected and secured, where possible by hand	N/A	No demountable part.

Lab -

Pass	*Requirement satisfied.*
NCR	*Requirement not satisfied. Refer to the "Result details" section for more information.*
NAs	*Assessment not carried out.*
N/A	*Requirement not applicable.*

LABORATORY INFORMATION

Code	Laboratory Name	Competency Explanations
Lab A	UNIVERSAL SERTIFIKASYON VE GOZETIM HIZMETLERI TIC. LTD. STI.	Internal Laboratory Services of Notified Body
Lab B	GCNTR ULUSLARARASI BELGELENDIRME, GOZETIM, EGITIM VE DIS TICARET LIMITED SIRKETI KOCAELI DILOVA SUBESI	Laboratory holds an accreditation by Turkish Accreditation Agency with number AB-1252-T according to EN ISO/IEC 17025:2017.

- The laboratories are contracted bodies with UNIVERSAL CERTIFICATION and the technical competence of the laboratories is also under supervision / assessment of UNIVERSAL CERTIFICATION based on the provisions of EN ISO/IEC 17065 Requirements for bodies certifying products, processes and services standard.
- Each test result given in this test report shown with the issuing laboratory code.

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Sample Photo

- End of Report -