

# **AB Tip İnceleme Sertifikası EU Type-Examination Certificate**

Belge No / Certificate No Belgelendirme Tarihi - Bir Sonraki Belge Tarihi / Certification Date / Certificate Validity Date Belge Geçerlilik Tarihi / Document Validity Period : 5 yil / 5 years Firma Unvanı ve Adresi / **Company Name and Address** 

Ürün Adı /Modeller / Product Name / Models Direktifi / Directive Modülü/Kategori / Module / Category

Test Rapor No/ları / Test Report No

Ürün Tipi / Product Type:

:92-20-03-R02

: 12.03.2021-25.12.2025

: FAGO MEDİKAL SAN. VE TİC. LTD. ŞTİ. 15 Temmuz Mah. Cami Yolu Cad. No:106 / Z1 Bağcılar/ **İSTANBUL** 

: FAGO S 101 : 2016/425 REGULATION : B MODÜLÜ/ KATEGORİ III MODULE B / CATEGORY III

: MNA M-2020-00576, M-2021-00097, M-2021-00383

EN 149:2001+ A1:2009 Solunumla ilgili koruyucu cihazlar - Parçacıklara karşı koruma amaçlı filtreli yarım maskeler/ Respiratory protective devices - Filtering half masks to protect against particles

Ürünün Malzeme Bilgisi / Product Material Information: FAGO S 101 model ürünleri kumaş, kulak kayışı, burun klipsi ve filtre katmanı kullanılarak imal edilmiştir./ FAGO S 101 model products are manufactured using fabric, earloop, nose clip and filter layer.

Revizyon nedeni/ Reason for revision: Farklı renkte ürünler eklenmiştir/ Different color products have been added.



Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 www.mnalab.com



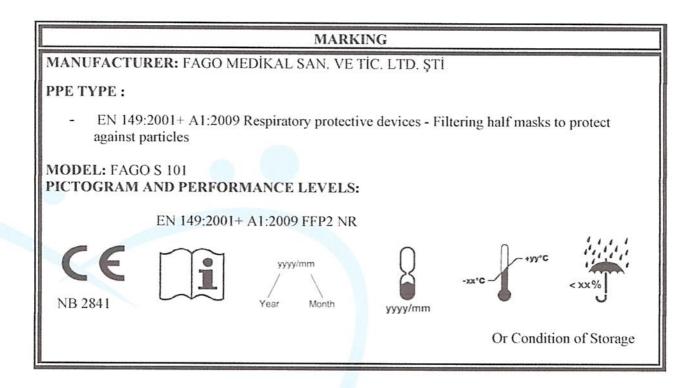
# ATTACHMENTS (92-20-03-R02)

To certify the PPE product at Category III level, C2 or D module is accompanied by applying one of the conformity assessment methods along with the EU Type Examination (Module B).

#### Model : FAGO S 101

PPE SPECIFICATION	PERFORMANCE LEVELS
Classification	FFP2
Reusable / Single Shift Use	NR

PPE produced as a single unit to fit an individual user, all the necessary instructions for manufacturing such PPE on the basis of the approved basic model:

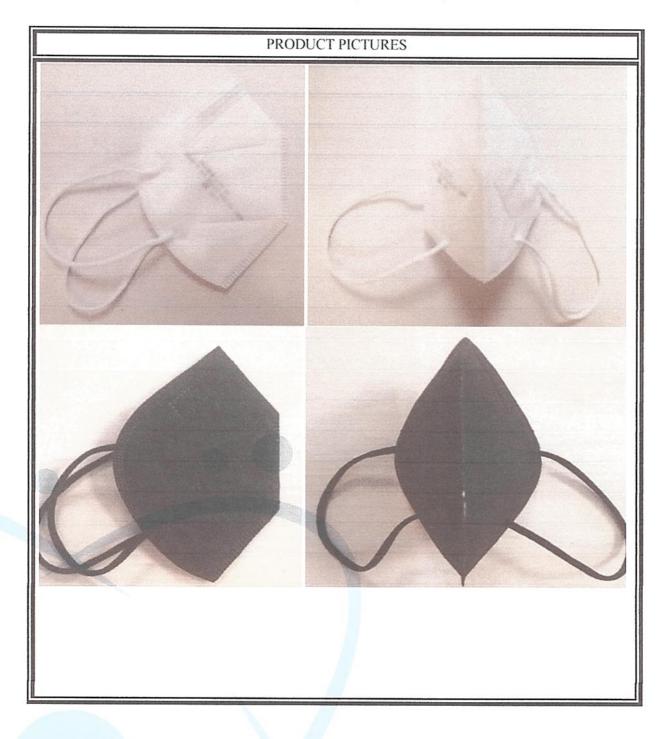


MNA LABORATORIES SAN. TIC. LTD. \$TI declares that the above-mentioned product meets the requirements of the directive according to the EU Directive 2016/425, the safety of the product is covered by the conditions and use specified in this certificate and in the technical file.

MNA Laboratuvarları San. Tic.Ltd .şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 www.mnalab.com



# ATTACHMENTS (92-20-03-R02)



MNA Laboratuvarları San. Tic.Ltd .Şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 <u>www.mnalab.com</u>



## ATTACHMENTS (92-20-03-R02)



# DOCUMENTS IN THE TECHNICAL FILE

- Basic Health Safety Requirements
- Risk Assessment
- Test Reports
- Technical Report

MNA Laboratuvarları San. Tic.Ltd .Şti

Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 <u>www.mnalab.com</u>

#### MNA LABORATUVARLARI



TECHNICAL EVALUATION REPORT (92-20-03-R02)

Report No : 92-20-03-R02

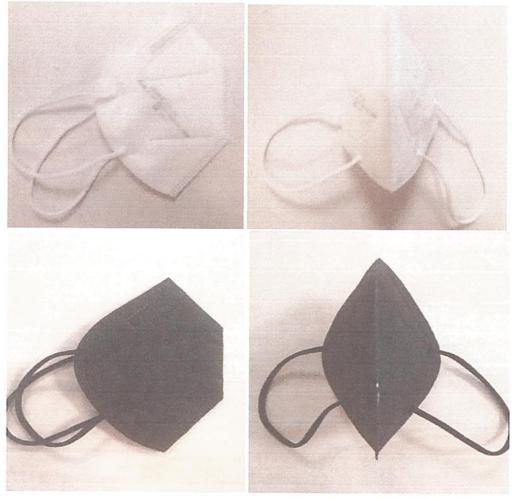
Report Date : 12.03.2021

Application No : 92-20-03

- COMPANY INFORMATION: FAGO MEDİKAL SAN. VE TİC. LTD. ŞTİ. 15 Temmuz Mah. Cami Yolu Cad. No:106 / Z1 Bağcılar/ İSTANBUL Tel: +90212 630 67 55 -56 E-mail: info@fagomedikal.com, birsen@fagomedikal.com
- 2. PPE INFORMATION: Disposable and non-sterile half mask made of particulate protection filter material.
- 3. PPE TYPE IDENTIFICATION

EN 149:2001 +A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking

#### 4. PPE PICTURES





## TECHNICAL EVALUATION REPORT (92-20-03-R02)



FAGO S 101

#### 5. PPE DIMENSIONS:

FAGO S 101 model has been found to be produced using standard sizes.

#### 6. PPE PRODUCT MATERIAL INFORMATION:

The product is made of elastic strap, nonwoven fabric on the outer and inner layers, filter material on the middle layer.

#### 7. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

- A visual inspection was made according to EN 149:2001 +A1:2009 for ergonomics.
- Protection levels and degrees are defined by the manufacturer.
- Suitable construction materials were determined by visual inspection according to EN 149:2001 +A1:2009.
- Respiratory protective dimensions are evaluated according to EN 149:2001 +A1:2009.
- Conditioning EN 149:2001 +A1:2009 part 8.3, Penetration EN 149:2001 +A1:2009 part 8.11 (EN 13274-7), Application performance EN 149:2001 +A1:2009 part 8.4, Inward leakage EN 149:2001 +A1:2009 part 8.5, Flammability EN 149:2001 +A1:2009 part 8.6, The carbon dioxide content of the inhaled air EN 149:2001 +A1:2009 part 8.7, Inhalation resistance EN 149:2001 +A1:2009 part 8.9, Exhalation resistance EN 149:2001 +A1:2009 part 8.9 has been tested and evaluated.

# TECHNICAL EVALUATION REPORT (92-20-03-R02)

#### 8. ANALYSIS AND EVALUATIONS:

#### EN 149:2001 +A1:2009

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION	
		FFP1	FFP2	FFP3	-			
Visual inspection	Shall also the markin supplied by the manu	ng and the information facturer			Appropriate	-	PASS	
Banned Azo Dyes	< 30 mg/kg				< 5 mg/kg	< 30 mg/kg	PASS	
Total inward	At least 46 out of the 50 individual exercise result	<25	<11	<5	See the table below	FFP2	PASS	
leakage	At least 8 out of the 10 individual wearer arithmetic means	<22	<8	<2	See the table below	FFP2	PASS	

# WHITE

Total Inwar	d Leakage (%	6)			
Exercise 1	Exercise 2	Exercise 3	Exercise 4	Exercise 5	Average
4.6	4.9	4.8	5.4	4.7	4.9
5.4	5.3	4.7	4.8	5.5	5.1
4.9	5.3	4.9	4.9	4.9	5.0
4.8	4.9	4.8	5.4	5.5	5.1
5.4	4.7	4.9	5.0	4.9	5.0
4.9	4.9	4.8	5.4	4.8	5.0
5.5	5.0	5.1	6.0	6.2	5.6
5.5	5.2	5.5	4.7		5.1
4.9	4.8	4.9			4.8
5.0	4.9	4.7			4.8
	Exercise 1 4.6 5.4 4.9 4.8 5.4 4.9 5.5 5.5 5.5 4.9	Exercise 1         Exercise 2           4.6         4.9           5.4         5.3           4.9         5.3           4.8         4.9           5.4         4.7           4.9         4.9           5.5         5.0           5.5         5.2           4.9         4.8	4.6       4.9       4.8         5.4       5.3       4.7         4.9       5.3       4.9         4.8       4.9       4.8         5.4       4.7       4.9         4.8       4.9       4.8         5.4       4.7       4.9         4.9       4.8       5.5         5.5       5.0       5.1         5.5       5.2       5.5         4.9       4.8       4.9	Exercise 1         Exercise 2         Exercise 3         Exercise 4           4.6         4.9         4.8         5.4           5.4         5.3         4.7         4.8           4.9         5.3         4.9         4.9           4.8         4.9         4.8         5.4           5.4         5.3         4.7         4.8           4.9         5.3         4.9         4.9           4.8         4.9         4.8         5.4           5.4         4.7         4.9         5.0           4.9         4.8         5.4         5.4           5.5         5.0         5.1         6.0           5.5         5.2         5.5         4.7           4.9         4.8         4.9         4.6	Exercise 1Exercise 2Exercise 3Exercise 4Exercise 54.64.94.85.44.75.45.34.74.85.54.95.34.94.94.94.84.94.85.45.55.44.74.95.04.94.94.94.85.45.55.44.74.95.04.94.94.95.16.06.25.55.25.54.74.74.94.84.94.64.9

	<b>Total Inwar</b>	d Leakage (%	6)			
	Exercise 1	Exercise 2	Exercise 3	Exercise 4	Exercise 5	Average
Subject 1 (As recieved)	2,6	3,5	1,7	3,0	3,1	2,8
Subject 2 (As recieved)	4,4	3,4	2,6	4,6	2,9	3,6
Subject 3 (As recieved)	4,1	1,7	2,2	2,9	2,8	2,7
Subject 4 (As recieved)	3,8	4,9	2,3	4,6	4,7	4,1
Subject 5 (As recieved)	3,7	4,4	4,2	4,7	4,8	4,4
Subject 6 (After temperature conditioning)	3,5	4,7	4,1	1,8	3,6	3,5
Subject 7 (After temperature conditioning)	3,8	4,1	2,3	2,9	5,1	3,6
Subject 8 (After temperature conditioning)	3,8	4,0	3,7	2,7	3,6	3,6
Subject 9 (After temperature conditioning)	3,9	5,1	3,5	3,6	3,8	4,0
Subject 10 (After temperature conditioning)	2,5	4,8	5,0	4,6	5,2	4,4



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# TECHNICAL EVALUATION REPORT (92-20-03-R02)

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS		PERFORMANCE LEVELS	EVALUATION
	FFP1 FFP2 FFP3							
Flammibility	Mask shall not burn burn for more than 5		to conti	inue to	Flame n	ot seen	-	PASS
Carbondioxide content of the inhalation air	Shall not exceed an av	average of % 1			WHITE 0,70 0,75 0,71	BLACK 0,72 0,70 0,71	-	PASS
Penetration of filter material	Sodium chloride, 95 L/min %, max	% 20	% 6	%1	See the table below		FFP2	PASS
	Paraffin oil, 95 L/min %, max	% 20	% 6	%1	See the below	e table	FFP2	PASS

# WHITE

Penetration of filter material	Sodium Chloride (%)	Paraffin Oil (%)
As recieved	3.6	2.8
As recieved	3.3	3.2
As recieved	3.5	3.0
After the simulated wearing treatment	3.2	2.9
After the simulated wearing treatment	3.6	2.6
After the simulated wearing treatment	3.6	3.1
Mechanical strength and temperature conditioning	3.4	3.1
Mechanical strength and temperature conditioning	3.0	3.0
Mechanical strength and temperature conditioning	3.5	3.2

Penetration of filter material	Codium Chlorida (0/)	Dans (C. 011 (0/)
reletation of inter material	Sodium Chloride (%)	Paraffin Oil (%)
As recieved	2,8	2,7
As recieved	2,8	2,7
As recieved	2,8	2,7
After the simulated wearing treatment	2,7	2,8
After the simulated wearing treatment	2,7	2,8
After the simulated wearing treatment	2,9	2,9
Mechanical strength and temperature conditioning	3,0	3,0
Mechanical strength and temperature conditioning	3,0	3,0
Mechanical strength and temperature conditioning	3,1	3,0

U-FRM-056.REV.00.YAYIN TARİHİ:20.11.2019



# TECHNICAL EVALUATION REPORT (92-20-03-R02)

TESTS	PARAMETER PERFORMA LEVELS			RMANCE RESULTS		PERFORMANCE LEVELS	EVALUATION	
		FFP1	FFP2	FFP3				
Compatibility with skin	3 AM 19634 (1988)	e known to be likely to y other adverse effect		Appropriate	-	PASS		
Head harness	It can be donned and	removed easily			Appropriate	-	PASS	
Breathing Resistance	Inhalation 30L/min	0,6 mbar	0,7 mbar	1 mbar	See the table below	FFP2	PASS	
	Inhalation 95L/min	2,1 mbar	2,4 mbar	3 mbar	See the table below	FFP2	PASS	
	Exhalation 160L/min	3 mbar	3 mbar	3 mbar	See the table below	FFP2	PASS	

WHITE

Breathing Resistance (mbar)	Inhalation 30L/min (mbar)	Inhalation 95L/min (mbar)
As recieved	0.5	1.9
As recieved	0.5	1.9
As recieved	0.4	1.8
After temperature conditioning	0.4	1.8
After temperature conditioning	0.4	1.9
After temperature conditioning	0.5	1.9
After the simulated wearing treatment	0.4	1.8
After the simulated wearing treatment	0.4	1.9
After the simulated wearing treatment	0.5	1.9
BLACK		1

Breathing Resistance (mbar)	Inhalation 30L/min (mbar)	Inhalation 95L/min (mbar)
As recieved	0,4	1,7
As recieved	0,4	1,7
As recieved	0,4	1,8
After temperature conditioning	0,4	1,8
After temperature conditioning	0,4	1,8
After temperature conditioning	0,4	1,7
After the simulated wearing treatment	0,5	1,7
After the simulated wearing treatment	0,5	1,7
After the simulated wearing treatment	0.5	1,7
WHITE		

Breathing Resistance 160L/min (mbar) Facing Facing Facing Lying on the Lying on the directly vertically vertically left side right side downwards ahead upwards As recieved 2,0 2,0 2,0 2,0 2,0 As recieved 1,9 2,0 2,0 2,0 2,0 As recieved 2,0 2,0 2,0 2,0 2.0 After temperature conditioning 1,9 2.0 1,9 2,0 2,0 After temperature conditioning 1,9 2,0 2,0 1,9 2,0 1,9 2,0 After temperature conditioning 2,0 2,0 2.0 After the simulated wearing treatment 1,9 1,9 1,9 2,0 2.0

U-FRM-056.REV.00.YAYIN TARiHi:20.11.2019



#### MNA LABORATUVARLARI

# TECHNICAL EVALUATION REPORT (92-20-03-R02)

After the simulated wearing treatment	2,0	2,0	1,9	1,9	1,9
After the simulated wearing treatment	2,0	2,0	2,0	2,0	2,0
BLACK					•
Breathing Resistance 160L/min (mbar)	Facing directly ahead	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side
As recieved	1,8	1,8	1,8	1,8	1,9
As recieved	1,8	1,8	1,8	1,8	1,8
As recieved	1,8	1,8	1,8	1,8	1,8
After temperature conditioning	1,8	1,9	1,8	1,8	1,8
After temperature conditioning	1,8	1,9	1,8	1,8	1,8
After temperature conditioning	1,8	1,9	1,8	1,8	1,8
After the simulated wearing treatment	1,8	1,8	1,8	1,8	1,8
After the simulated wearing treatment	1,8	1,8	1,8	1,9	1,9
After the simulated wearing treatment	1,8	1,8	1,8	1,9	1,8

#### 9. DECISION PROPOSAL

Analysis and examinations FAGO S 101 model coded personal protective equipment; Respiratory Protective Devices EN 149:2001 +A1:2009- Filtered Half Masks for Protection Against Particles - Properties, Experiments and Marking standards are evaluated. It is recommended to be certified at the performance levels specified as a result of technical evaluations.

#### **10. ATTACHMENTS**

- Basic Health Safety Requirements
- Risk Assessment
- Test Reports
- User Instruction

Reason for revision : Different color products have been added.

CONTROLLER	: VOLKAN AKIN	1
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DATE	: 12.03.2021	Vin
		V

# **EU DECLARATION OF CONFORMITY**

#### MANUFACTURER

FAGO MEDİKAL SANAYİ VE TİCARET LİMİTED ŞİRKETİ

15 Temmuz Mahallesi Cami Yolu Caddesi No:106 Iç Kapı No: Z1 Bağcılar ISTANBUL / TURKEY

### **PRODUCT DESCRIPTION**

Brand Name: Fago Model: FAGO S 101 Filtering Half Mask Class: FFP2 NR

Particle Filtering Half Face Mask in Category III product accrding to (EU) 2016/425 Personal Protective Equipment Regulation

The Manufacturer declares on his sole responsibility that the product above is, under conditions of normal use and conditions defined by the Manufacturer, safe and meets all the necessary legal conditions and requirements. The product is a personal protective equipment that is intended for single use and solely in accordance with the Manufacturer's instructions.

#### The Conformity is ensured with the following mechanism:

- Complies with EU 2016/425 Personel Protective Equipment Regulation establishing technical requirements for Category III products,
- Complies with Essential Health and Safety Requirements of Technical harmonised standard EN 149:2001 +A1:2009
- All required tests referred in above standards are conducted,
- Complies with other relevant harmonized legislation and community standards
- For the assessment of conformity the EU Type Examination certificate (Serial No:92-20-03) is issued, after all technical evaluations for conformity to the regulation and harmonised standards conducted, by;
   MNA LAB SAN TIC LTD STI, as Notified Body number 2841
- The product is under surveillance of same Notified Body, NB 2841 according to the Annex III (Module C2) of the PPE Regulation (EU) 2016/425, for quality assurance.

#### MARKING, LABELLING

Marking, labelling and user information are prepared in accordance with EU 2016/425 Personal Protective Equipment Regulation and the harmonised product standards given above.

### **MEASURES TO ENSURE CONFORMITY**

The Manufacturer declares that he has taken all necessary measures to ensure the conformity of products placed on the market with technical documentation and technical requirements for this type of product.

ÖNDER ERYILMAZ General Manager 10/08/2021 **FAGO MEDIKAL** AN ve TIC. LTD. ŞTİ. 15 Temmuz Mh. Cami Yolu Cd. No:106/Z1 Bağcılar/İS Tic.Sic.No: 244684-5 Güneş VD/ 384 073 8071 34 0738 0710 0001 Mersis N





# **AB Tip İnceleme Sertifikası EU Type-Examination Certificate**

Belge No / Certificate No	: 92-20-07
Belgelendirme Tarihi - Bir Sonraki Belge Tarihi /	
Certification Date / Certificate Validity Date : 30.	
Belge Geçerlilik Tarihi / Document Validity Period	1 : 5 yil / 5 years
Firma Unvanı ve Adresi /	
Company Name and Address	: FAGO MEDİKAL SAN. VE TİC. LTD.
	ŞTİ.
	15 Temmuz Mah. Cami Yolu Cad. No:106 /
	Z1 Bağcılar/ İSTANBUL
Ürün Adı /Modeller / Product Name / Models	: FAGO 102
Direktifi / Directive	: 2016/425 REGULATION
Modülü/Kategori / Module / Category	: B MODÜLÜ/ KATEGORİ III
	MODULE B / CATEGORY III
Test Rapor No/lari / Test Report No	: MNA M-2020-00688
Ürün Tipi / Product Type:	205. G2013 <sup>1</sup>

- EN 149:2001+ A1:2009 Solunumla ilgili koruyucu cihazlar - Parçacıklara karşı koruma amaçlı filtreli yarım maskeler/ Respiratory protective devices - Filtering half masks to protect against particles

Ürünün Malzeme Bilgisi / Product Material Information: FAGO 102 model ürünleri kumaş, kulak kayışı, burun klipsi, soluk verme valfi ve filtre katmanı kullanılarak imal edilmiştir./ FAGO 102 model products are manufactured using fabric, earloop, nose clip, exhalation valve and filter layer.

Volkan AKIN 30.01.2021 Karar Verici / Approver Okan AKEL 30.01.2021 Şirket Müdürü / General manager



MNA Laboratuvarları San. Tic.Ltd .Şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 <u>www.mnalab.com</u>



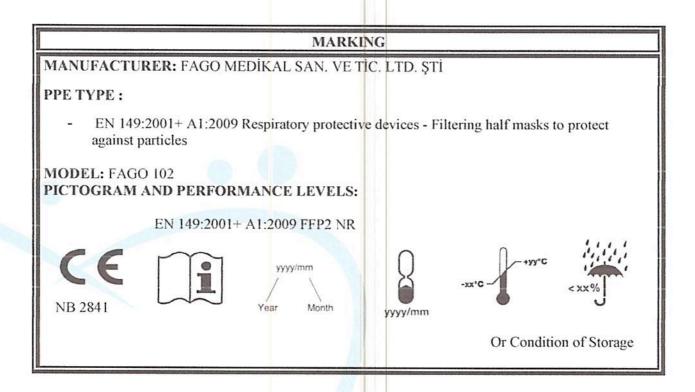
# ATTACHMENTS (92-20-07)

To certify the PPE product at Category III level, C2 or D module is accompanied by applying one of the conformity assessment methods along with the EU Type Examination (Module B).

#### Model : FAGO 102

PPE SPECIFICATION	PERFORMANCE LEVELS
Classification	FFP2
Reusable / Single Shift Use	NR

PPE produced as a single unit to fit an individual user, all the necessary instructions for manufacturing such PPE on the basis of the approved basic model:

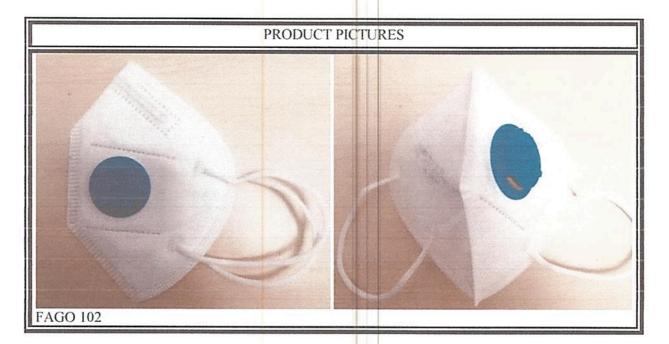


MNA LABORATORIES SAN. TIC. LTD. \$TI declares that the above-mentioned product meets the requirements of the directive according to the EU Directive 2016/425, the safety of the product is covered by the conditions and use specified in this certificate and in the technical file.

MNA Laboratuvarları San. Tic.Ltd .Şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 <u>www.mnalab.com</u>



# ATTACHMENTS (92-20-07)



# DOCUMENTS IN THE TECHNICAL FILE

- Basic Health Safety Requirements
- Risk Assessment
- Test Reports
- Technical Report

MNA Laboratuvarları San. Tic.Ltd .Şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 <u>www.mnalab.com</u>



Report No : 92-20-07

Report Date : 30.01.2021

Application No : 92-20-07

1. COMPANY INFORMATION:

FAGO MEDİKAL SAN. VE TİC. LTD. ŞTİ. 15 Temmuz Mah. Cami Yolu Cad. No:106 / Z1 Bağcılar/ İSTANBUL Tel: +90212 630 67 55 -56 E-mail: info@fagomedikal.com, birsen@fagomedikal.com

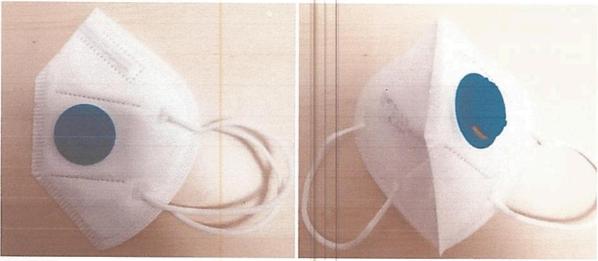
2. PPE INFORMATION:

Disposable and non-sterile half mask made of particulate protection filter material.

# 3. PPE TYPE IDENTIFICATION

EN 149:2001 +A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking

### 4. PPE PICTURES



FAGO 102

# 5. PPE DIMENSIONS:

FAGO 102 model has been found to be produced using standard sizes.

# 6. PPE PRODUCT MATERIAL INFORMATION:

The product is made of elastic strap, exhalation valve, nonwoven fabric on the outer and inner layers, filter material on the middle layer.





# TECHNICAL EVALUATION REPORT (92-20-07)

# 7. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

- A visual inspection was made according to EN 149:2001 +A1:2009 for ergonomics.
- Protection levels and degrees are defined by the manufacturer.
- Suitable construction materials were determined by visual inspection according to EN 149:2001 +A1:2009.
- Respiratory protective dimensions are evaluated according to EN 149:2001 +A1:2009.
- Conditioning EN 149:2001 +A1:2009 part 8.3, Penetration EN 149:2001 +A1:2009 part 8.11 (EN 13274-7), Application performance EN 149:2001 +A1:2009 part 8.4, Inward leakage EN 149:2001 +A1:2009 part 8.5, Flammability EN 149:2001 +A1:2009 part 8.6, The carbon dioxide content of the inhaled air EN 149:2001 +A1:2009 part 8.7, Inhalation resistance EN 149:2001 +A1:2009 part 8.9, Exhalation resistance EN 149:2001 +A1:2009 part 8.9 has been tested and evaluated.

#### 8. ANALYSIS AND EVALUATIONS:

#### EN 149:2001 +A1:2009

TESTS PARAMETER PERFORMANCE LEVELS FFP1 FFP2 FFP3		RESULTS	PERFORMANCE LEVELS	EVALUATION			
		FFP1	FFP2	FFP3	-		
Visual inspection	Shall also the markin supplied by the manu			mation	Appropriate	-	PASS
Total inward	At least 46 out of the 50 individual exercise result	<25	<11	<5	See the table below	FFP2	PASS
leakage	At least 8 out of the 10 individual wearer arithmetic means	<22	<8	<2	See the table below	FFP2	PASS

	Total Inwar	d Leakage (%	6)			
	Exercise 1	Exercise 2	Exercise 3	Exercise 4	Exercise 5	Average
Subject 1 (As recieved)	5.1	5.1	6.0	6.0	6.2	5.7
Subject 2 (As recieved)	4.8	4.8	5.5	6.6	2.2	4.8
Subject 3 (As recieved)	4.7	4.7	5.4	5.2	4.7	4.9
Subject 4 (As recieved)	4.5	4.5	5.7	5.1	6.0	5.2
Subject 5 (As recieved)	6.0	6.0	5.1	4.8	6.2	5.6
Subject 6 (After temperature conditioning)	5.1	6.0	6.0	6.2	6.2	5.9
Subject 7 (After temperature conditioning)	4.8	5.5	6.6	2.2	4.1	4.6
Subject 8 (After temperature conditioning)	4.7	5.4	5.2	4.7	4.1	4.8
Subject 9 (After temperature conditioning)	4.5	5.7	5.1	6.0	4.2	5.1
Subject 10 (After temperature conditioning)	6.0	5.1	4.8	6.2	4.2	5.3

MNA LABORATUVARLARI SAN, TİC. LTD. ŞTİ.

MNA LABORATUVARLARI

# TECHNICAL EVALUATION REPORT (92-20-07)

TESTS	PARAMETER	PERFC	RMAN S	CE	RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Flammibility	Mask shall not burn burn for more than 5	I not burn or not to continue to nore than 5 s				-	PASS
Carbondioxide content of the inhalation air	Shall not exceed an av	average of % 1			0,50 0,51 0,53	-	PASS
Penetration of filter material	Sodium chloride, 95 L/min %, max	% 20	% 6	%1	See the table below	FFP2	PASS
	Paraffin oil, 95 L/min %, max	% 20	%6	%1	See the table below	FFP2	PASS

Penetration of filter material	Sodium Chloride (%)	Paraffin Oil (%)
As recieved	4.1	4.4
As recieved	4.2	4.3
As recieved	4.2	4.6
After the simulated wearing treatment	4.7	4.7
After the simulated wearing treatment	4.6	4.4
After the simulated wearing treatment	4.8	4.7
Mechanical strength and temperature conditioning	5.3	5.4
Mechanical strength and temperature conditioning	5.3	5.4
Mechanical strength and temperature conditioning	5.2	5.0

TESTS	ESTS PARAMETER PERFORMANCE LEVELS		RESULTS	PERFORMANCE LEVELS	EVALUATION			
		FFP1	FFP2	FFP3	-			
Compatibility Materials shall not be known to be likely to with skin cause irritation or any other adverse effect to health				Appropriate		PASS		
Head harness	It can be donned and	remove	d easily		Appropriate	-	PASS	
Exhalation valve(s)	It shall withstand axia N apply for 10 s.	nall withstand axially a tensile force of 10 population of 10 population of 10 s.				-	PASS	
	If fitted, shall continu after a continuous e L/min over a period or	xhalatio						
Breathing Resistance	Inhalation 30L/min	0,6 mbar	0,7 mbar	1 mbar	See the table below	FFP2	PASS	
	Inhalation 95L/min	2,1 mbar	2,4 mbar	3 mbar	See the table below	FFP2	PASS	
	Exhalation 160L/min	3 mbar	3 mbar	3 mbar	See the table below	FFP2	PASS	

U-FRM-056.REV.00.YAYIN TARIHI:20.11.2019

#### MNA LABORATUVARLARI



# **TECHNICAL EVALUATION REPORT (92-20-07)**

Breathing Resistance (mbar)	Inhalation 30L/min (mbar)	Inhalation 95L/min (mbar)
As recieved	0.4	1.9
As recieved	0.4	1.9
As recieved	0.4	1.8
After temperature conditioning	0.5	1.7
After temperature conditioning	0.5	1.8
After temperature conditioning	0.5	1.8
After the simulated wearing treatment	0.4	1.8
After the simulated wearing treatment	0.5	1.7
After the simulated wearing treatment	0.4	1.8
After the flow conditioning	0,5	1,9
After the flow conditioning	0,5	1,9
After the flow conditioning	0,5	1,9

Breathing Resistance 160L/min (mbar)	Facing directly ahead	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side
As recieved	2,4	2,4	2,4	2,3	2,3
As recieved	2,4	2,3	2,3	2,4	2,4
As recieved	2,3	2,4	2,4	2,3	2,3
After temperature conditioning	2,4	2,4	2,3	2,4	2,4
After temperature conditioning	2,4	2,3	2,3	2,4	2,4
After temperature conditioning	2,3	2,4	2,4	2,4	2,4
After the simulated wearing treatment	2,4	2,4	2,3	2,3	2,4
After the simulated wearing treatment	2,4	2,3	2,4	2,3	2,3
After the simulated wearing treatment	2,3	2,4	2,3	2,3	2,4
After the flow conditioning	2,4	2,3	2,4	2,3	2,3
After the flow conditioning	2,4	2,4	2,3	2,4	2,4
After the flow conditioning	2,4	2,4	2,4	2,4	2,4

# 9. DECISION PROPOSAL

Analysis and examinations FAGO 102 model coded personal protective equipment; Respiratory Protective Devices EN 149:2001 +A1:2009- Filtered Half Masks for Protection Against Particles - Properties, Experiments and Marking standards are evaluated. It is recommended to be certified at the performance levels specified as a result of technical evaluations.

# **10. ATTACHMENTS**

- Basic Health Safety Requirements
- Risk Assessment
- Test Reports

DATE

User Instruction

CONTROLLER	: VOLKAN AKIN
SING	:

: 30.01.2021

U-FRM-056.REV.00.YAYIN TARIHI:20.11.2019

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# **EU DECLARATION OF CONFORMITY**

MANUFACTURER

FAGO MEDİKAL SANAYİ VE TİCARET LİMİTED ŞİRKETİ

15 Temmuz Mahallesi Cami Yolu Caddesi No:106 Iç Kapı No: Z1 Bağcılar ISTANBUL / TURKEY

#### **PRODUCT DESCRIPTION**

Brand Name: Fago Model: FAGO 102 Filtering Half Mask Class: FFP2 NR VALVE

Particle Filtering Half Face Mask in Category III product accrding to (EU) 2016/425 Personal Protective Equipment Regulation

The Manufacturer declares on his sole responsibility that the product above is, under conditions of normal use and conditions defined by the Manufacturer, safe and meets all the necessary legal conditions and requirements. The product is a personal protective equipment that is intended for single use and solely in accordance with the Manufacturer's instructions.

#### The Conformity is ensured with the following mechanism:

- Complies with EU 2016/425 Personel Protective Equipment Regulation establishing technical requirements for Category III products,
- Complies with Essential Health and Safety Requirements of Technical harmonised standard EN 149:2001 +A1:2009
- All required tests referred in above standards are conducted,
- · Complies with other relevant harmonized legislation and community standards
- For the assessment of conformity the EU Type Examination certificate (Serial No:92-20-04) is issued, after all technical evaluations for conformity to the regulation and harmonised standards conducted, by;
   MNA LAB SAN TIC LTD STI, as Notified Body number 2841
- The product is under surveillance of same Notified Body, NB 2841 according to the Annex III (Module C2) of the PPE Regulation (EU) 2016/425, for quality assurance.

#### MARKING, LABELLING

Marking, labelling and user information are prepared in accordance with EU 2016/425 Personal Protective Equipment Regulation and the harmonised product standards given above.

#### **MEASURES TO ENSURE CONFORMITY**

The Manufacturer declares that he has taken all necessary measures to ensure the conformity of products placed on the market with technical documentation and technical requirements for this type of product.



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# **AB Tip İnceleme Sertifikası EU Type-Examination Certificate**

Belge No / Certificate No Belgelendirme Tarihi - Bir Sonraki Belge Tarihi / Certification Date / Certificate Validity Date Belge Geçerlilik Tarihi / Document Validity Period : 5 yil / 5 years Firma Unvanı ve Adresi / **Company Name and Address** 

Ürün Adı /Modeller / Product Name / Models Direktifi / Directive Modülü/Kategori / Module / Category

Test Rapor No/lari / Test Report No

Urün Tipi / Product Type:

: 92-20-04

: 15.01.2021-15.01.2026

- : FAGO MEDİKAL SAN. VE TİC. LTD. ŞTİ. 15 Temmuz Mah. Cami Yolu Cad. No:106 / Z1 Bağcılar/ **İSTANBUL**
- : FAGO 104 : 2016/425 REGULATION : B MODÜLÜ/ KATEGORİ III MODULE B / CATEGORY III
- : MNA M-2020-00577
- EN 149:2001+ A1:2009 Solunumla ilgili koruyucu cihazlar Parçacıklara karşı koruma amaçlı filtreli yarım maskeler/ Respiratory protective devices - Filtering half masks to protect against particles

Ürünün Malzeme Bilgisi / Product Material Information: FAGO 104 model ürünleri kumaş, kulak kayışı, burun klipsi ve filtre katmanı kullanılarak imal edilmiştir./ FAGO 104 model products are manufactured using fabric, earloop, nose clip and filter layer.

Volkan AKIN 15.01.2021 Karar Verici / Approver

**Okan AKEL** 15.01.2021 Sirket Müdürü / General manager



MNA Laboratuvarları San. Tic.Ltd .Şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 www.mnalab.com



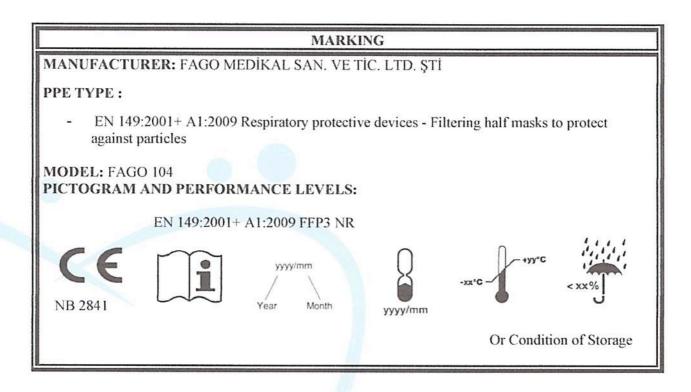
# ATTACHMENTS (92-20-04)

To certify the PPE product at Category III level, C2 or D module is accompanied by applying one of the conformity assessment methods along with the EU Type Examination (Module B).

### Model : FAGO 104

PPE SPECIFICATION	PERFORMANCE LEVELS
Classification	FFP3
Reusable / Single Shift Use	NR

PPE produced as a single unit to fit an individual user, all the necessary instructions for manufacturing such PPE on the basis of the approved basic model:

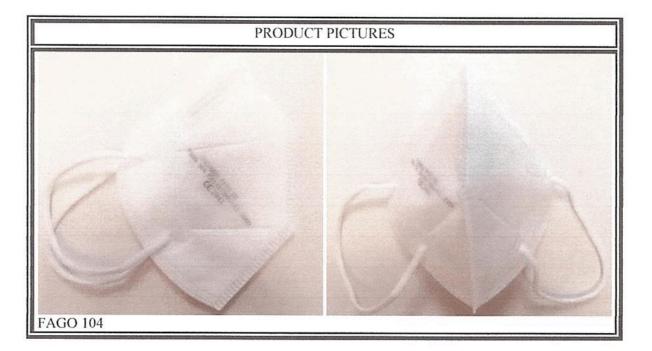


MNA LABORATORIES SAN. TIC. LTD. \$TI declares that the above-mentioned product meets the requirements of the directive according to the EU Directive 2016/425, the safety of the product is covered by the conditions and use specified in this certificate and in the technical file.

MNA Laboratuvarları San. Tic.Ltd .Şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 <u>www.mnalab.com</u>



## ATTACHMENTS (92-20-04)



#### DOCUMENTS IN THE TECHNICAL

- Basic Health Safety Requirements
- Risk Assessment
- Test Reports
- Technical Report

MNA Laboratuvarları San. Tic.Ltd .Şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 <u>www.mnalab.com</u>

# **EU DECLARATION OF CONFORMITY**

MANUFACTURER

FAGO MEDİKAL SANAYİ VE TİCARET LİMİTED ŞİRKETİ

15 Temmuz Mahallesi Cami Yolu Caddesi No:106 Iç Kapı No: Z1 Bağcılar ISTANBUL / TURKEY

# **PRODUCT DESCRIPTION**

Brand Name: Fago Model: FAGO 104 Filtering Half Mask Class: FFP3 NR

Particle Filtering Half Face Mask in Category III product accrding to (EU) 2016/425 Personal Protective Equipment Regulation

The Manufacturer declares on his sole responsibility that the product above is, under conditions of normal use and conditions defined by the Manufacturer, safe and meets all the necessary legal conditions and requirements. The product is a personal protective equipment that is intended for single use and solely in accordance with the Manufacturer's instructions.

# The Conformity is ensured with the following mechanism:

- Complies with EU 2016/425 Personel Protective Equipment Regulation establishing technical requirements for Category III products,
- Complies with Essential Health and Safety Requirements of Technical harmonised standard EN 149:2001 +A1:2009
- All required tests referred in above standards are conducted,
- Complies with other relevant harmonized legislation and community standards
- For the assessment of conformity the EU Type Examination certificate (Serial No:92-20-04) is issued, after all technical evaluations for conformity to the regulation and harmonised standards conducted, by;
   MNA LAB SAN TIC LTD STI, as Notified Body number 2841
- The product is under surveillance of same Notified Body, NB 2841 according to the Annex III (Module C2) of the PPE Regulation (EU) 2016/425, for quality assurance.

#### MARKING, LABELLING

Marking, labelling and user information are prepared in accordance with EU 2016/425 Personal Protective Equipment Regulation and the harmonised product standards given above.

# **MEASURES TO ENSURE CONFORMITY**

The Manufacturer declares that he has taken all necessary measures to ensure the conformity of products placed on the market with technical documentation and technical requirements for this type of product.

> GÖKHAN AYDIN General Manager 15/01/2021

FAGO MEDIKAL SAN. VE TIC. LTD. STI. 15 Temmuz Mh. Conii Yolu Cd. No. 106/21 Bağcılar/IST. Tic Sicker 244684-5 Günesti V.O. 104 0738071 Mersic No. 0384 0738 0710 0001 CE

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# **AB Tip İnceleme Sertifikası EU Type-Examination Certificate**

 Belge No / Certificate No
 : 92-20-01

 Belgelendirme Tarihi - Bir Sonraki Belge Tarihi /
 Certification Date / Certificate Validity Date
 : 10.12.2020-10.12.2025

 Belge Geçerlilik Tarihi / Document Validity Period
 : 5 yıl / 5 years

 Firma Unvanı ve Adresi /
 : FAGO MEDİKAL SAN. VE TİC

 Company Name and Address
 : FAGO MEDİKAL SAN. VE TİC

Ürün Adı /Modeller / Product Name / Models Direktifi / Directive Modülü/Kategori / Module / Category

Test Rapor No/ları / Test Report No Ürün Tipi / Product Type: : FAGO MEDİKAL SAN. VE TİC. LTD. ŞTİ. 15 Temmuz Mah. Cami Yolu Cad. No:106 /

Z1 Bağcılar/ İSTANBUL

: FAGO 103 : 2016/425 REGULATION : B MODÜLÜ/ KATEGORİ III *MODULE B / CATEGORY III* : MNA M-2020-00562

- EN 149:2001+ A1:2009 Solunumla ilgili koruyucu cihazlar - Parçacıklara karşı koruma amaçlı filtreli yarım maskeler/ Respiratory protective devices - Filtering half masks to protect against particles

**Ürünün Malzeme Bilgisi** / *Product Material Information*: FAGO 103 model ürünleri kumaş, kulak kayışı, burun klipsi, soluk verme valfi ve filtre katmanı kullanılarak imal edilmiştir./ FAGO 103 model products are manufactured using fabric, earloop, nose clip, exhalation valve and filter layer.

Volkan AKIN 10.12.2020 Karar Verici / Approver Okan AKEL 10.12.2020 Şirket Müdürü / General manager



MNA Laboratuvarları San. Tic.Ltd .Şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 <u>www.mnalab.com</u>



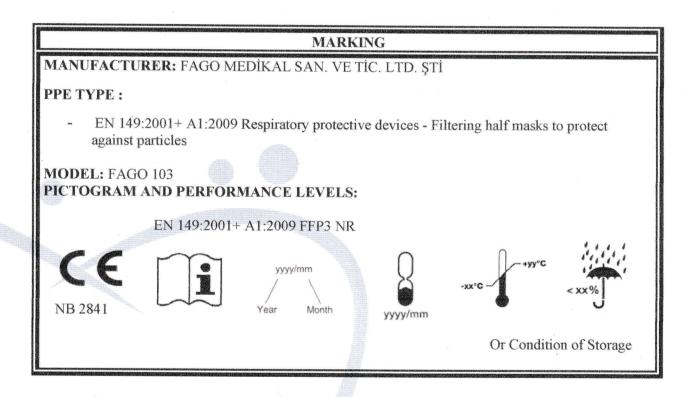
# ATTACHMENTS (92-20-01)

To certify the PPE product at Category III level, C2 or D module is accompanied by applying one of the conformity assessment methods along with the EU Type Examination (Module B).

#### Model : FAGO 103

PPE SPECIFICATION	PERFORMANCE LEVELS
Classification	FFP3
Reusable / Single Shift Use	NR

PPE produced as a single unit to fit an individual user, all the necessary instructions for manufacturing such PPE on the basis of the approved basic model:



MNA LABORATORIES SAN. TIC. LTD. ŞTİ declares that the above-mentioned product meets the requirements of the directive according to the EU Directive 2016/425, the safety of the product is covered by the conditions and use specified in this certificate and in the technical file.

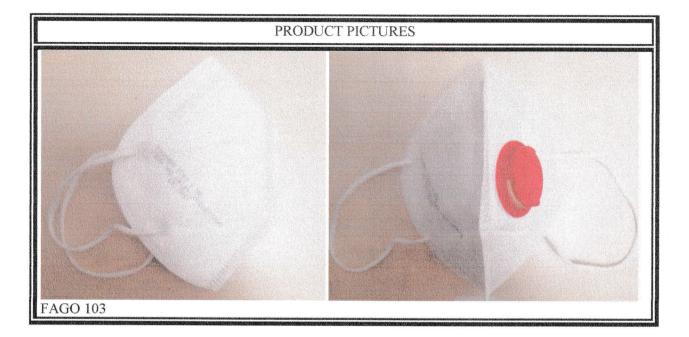
MNA Laboratuvarları San. Tic.Ltd .Şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 <u>www.mnalab.com</u>

U-Form-002/Rev.04/12.03.2020

Sayfa 1/2



# ATTACHMENTS (92-20-01)



# **DOCUMENTS IN THE TECHNICAL**

- Basic Health Safety Requirements
- Risk Assessment
- Test Reports
- Technical Report

MNA Laboratuvarları San. Tic.Ltd .şti Adres: Küçükbakkalköy Mahallesi Yenidoğan Cad.No:21 Ataşehir/ İstanbul Tel: 0216 574 07 08 Faks: 0216 575 13 31 <u>www.mnalab.com</u>

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Sayfa 2 / 2

# **EU DECLARATION OF CONFORMITY**

#### MANUFACTURER

FAGO MEDİKAL SANAYİ VE TİCARET LİMİTED ŞİRKETİ

15 Temmuz Mahallesi Cami Yolu Caddesi No:106 Iç Kapı No: Z1 Bağcılar ISTANBUL / TURKEY

#### **PRODUCT DESCRIPTION**

Brand Name: Fago Model: FAGO 104 Filtering Half Mask Class: FFP3 NR

Particle Filtering Half Face Mask in Category III product accrding to (EU) 2016/425 Personal Protective Equipment Regulation

The Manufacturer declares on his sole responsibility that the product above is, under conditions of normal use and conditions defined by the Manufacturer, safe and meets all the necessary legal conditions and requirements. The product is a personal protective equipment that is intended for single use and solely in accordance with the Manufacturer's instructions.

#### The Conformity is ensured with the following mechanism:

- Complies with EU 2016/425 Personel Protective Equipment Regulation establishing technical requirements for Category III products,
- Complies with Essential Health and Safety Requirements of Technical harmonised standard EN 149:2001 +A1:2009
- All required tests referred in above standards are conducted,
- · Complies with other relevant harmonized legislation and community standards
- For the assessment of conformity the EU Type Examination certificate (Serial No:92-20-04) is issued, after all technical evaluations for conformity to the regulation and harmonised standards conducted, by;
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- The product is under surveillance of same Notified Body, NB 2841 according to the Annex III (Module C2) of the PPE Regulation (EU) 2016/425, for quality assurance.

# MARKING, LABELLING

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Marking, labelling and user information are prepared in accordance with EU 2016/425 Personal Protective Equipment Regulation and the harmonised product standards given above.

#### **MEASURES TO ENSURE CONFORMITY**

The Manufacturer declares that he has taken all necessary measures to ensure the conformity of products placed on the market with technical documentation and technical requirements for this type of product.



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