

RELACIÓN DOCUMENTACIÓN EXPEDIENTE A/SUM-011335/2020
PRIVIET SPORTIVE S.L. (C.I.F.: B80714439)

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Nº referencia publicación en el Portal: [3616757](#)

Madrid a 28 de marzo de 2020

Oferta Comercial: PV001589
Concepto: Venta de mascarillas.

Muy Sres. nuestros,

Por medio de la presente, nos complace hacerles llegar la siguiente oferta:

Concepto:

-Mascarillas FFP2 Norma UNE-EN 149:2001+A1

*250.000 unidades. Precio 5€/ud CIF Madrid. Plazo de entrega 14 días desde aceptación pedido/Recepcion transferencia. (podría variar +- 2 días por la situación que hay con los vuelos)

Forma de Pago:

Las condiciones de pago 100% a los 10 días de la entrega de la mercancía.

Datos Facturación:

PRIVIET SPORTIVE S.L. CIF: B80714439 Calle Casiopea nº 15 CP:28023 IBAN: ES04 2038 1053 9460 0099 2549

Sin otro particular, atentamente les saludamos.



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GB2626-2006 KN95

使用前请仔细阅读包装盒上说明

See user instructions
before using

TEST REPORT EN 149:2001+A1:2009 Respiratory protective devices — Filtering half masks to protect against particles — Requirements, testing, marking	
Report reference No.....	68.5.13.10.2800.2717
Tested by (name+signature).....	Peter Chen
Approved by (name+signature).....	Steve Li
Date of issue	2020-03-21
Testing Laboratory name.....	ACT Testing Technology Co., Ltd.
Address.....	Floor 5, Huaming Bldg., Chebei Rd., Zhongshan Dadao, Guangzhou, China
Applicant's Name	Jiaxing Yinuo Busway Co.,Ltd.
Address	No.68 Yiqun Road,Yaozhuang Town, Jiashan County, Jiaxing City, Zhejiang Province
Test specification	
Standard	EN 149:2001 +A1:2009
Test procedure	ACT
Procedure deviation	N/A
Non-standard test method	N/A
Test Report Form	
TRF originator	ACT
Master TRF (date)	2020-03
Test item description	
KN95	
Trademark	/
Model and/or type reference	KN95
Manufacturer	Jiaxing Yinuo Busway Co.,Ltd.
Address	No.68 Yiqun Road,Yaozhuang Town, Jiashan County, Jiaxing City, Zhejiang Province
Factory	Jiaxing Yinuo Busway Co.,Ltd.
Address	No.68 Yiqun Road,Yaozhuang Town, Jiashan County, Jiaxing City, Zhejiang Province
Rating(s)	FFP3

Copy of marking plate:

Jiaxing Yinuo Busway Co., Ltd.
 KN95
 Model: KN95
 FFP3
 EN 149:2001 +A1:2009
 2020/03


Summary of test results:

The test samples was found to comply with the equipments of EN 149:2001 +A1:2009

Test case verdicts

Test case does not apply to the test object :	N/A
Test item does meet the requirement :	P(ass)
Test item does not meet the requirement :	F(ail)

Testing

Date of receipt of test item :	2020-03-14
Date(s) of performance of test :	2020-03-14 to 2020-03-21

General remarks

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

The test results presented in this report relate only to the object tested.
 This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see Enclosure #)" refers to additional information appended to the report.
 "(see appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.

General informations:

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
3	Terms and definitions		—
	For the purposes of this European Standard the definitions given in EN 132 and the nomenclature given in EN 134 apply !together with the following:		P
3.1	re-useable particle filtering half mask particle filtering half mask intended to be used for more than a single shift"		N/A
4	Description		—
	A particle filtering half mask covers the nose and mouth and the chin and may have inhalation and/or exhalation valve(s). The half mask consists entirely or substantially of filter material or comprises a facepiece in which the main filter(s) form an inseparable part of the device.		P
	It is intended to provide adequate sealing on the face of the wearer against the ambient atmosphere, when the skin is dry or moist and when the head is moved.		P
	Air enters the particle filtering half mask and passes directly to the nose and mouth area of the facepiece or, via an inhalation valve(s) if fitted. The exhaled air flows through the filter material and/or an exhalation valve (if fitted) directly to the ambient atmosphere.		P
	These devices are designed to protect against both solid and liquid aerosols.		P
5	Classification		—
	Particle filtering half masks are classified according to their filtering efficiency and their maximum total inward leakage. There are three classes of devices: FFP1, FFP2 and FFP3.	FFP3	P
	The protection provided by an FFP2 - or FFP3 - device includes that provided by the device of lower class or classes. In addition, particle filtering half masks are classified as single shift use only or as re-usable (more than one shift).		P
6	Designation		—
	Particle filtering half masks meeting the requirements of this European Standard shall be designated in the following manner:		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	Particle filtering half mask EN 149, year of publication, classification, option (where "D" is an option for a non re-useable particle filtering half mask and mandatory for re-useable particle filtering half mask).		P
	EXAMPLE Particle filtering half mask EN 149:2001 FFP1 NR D		N/A
7	Requirements		—
7.1	General		P
	In all tests all test samples shall meet the requirements.		P
7.2	Nominal values and tolerances		P
	Unless otherwise specified, the values stated in this European Standard are expressed as nominal values. Except for temperature limits, values which are not stated as maxima or minima shall be subject to a tolerance of $\pm 5\%$. Unless otherwise specified, the ambient temperature for testing shall be $(16 - 32)^\circ\text{C}$, and the temperature limits shall be subject to an accuracy of $\pm 1^\circ\text{C}$.		P
7.3	Visual inspection		P
	The visual inspection shall also include the marking and the information supplied by the manufacturer.		P
7.4	Packaging		P
	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. Testing shall be done in accordance with 8.2		P
7.5	Material		P
	Materials used shall be suitable to withstand handling and wear over the period for which the particle filtering half mask is designed to be used. After undergoing the conditioning described in 8.3.1 none of the particle filtering half masks shall have suffered mechanical failure of the facepiece or straps.		P
	Three particle filtering half masks shall be tested.		P
	When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask shall not collapse.		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	Any material from the filter media released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer. Testing shall be done in accordance with 8.2.		P
7.6	Cleaning and disinfecting		N/A
	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.		N/A
	Testing shall be done in accordance with 8.4 and 8.5.		N/A
	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. Testing shall be done in accordance with 8.11.		N/A
7.7	Practical performance		P
	The particle filtering half mask shall undergo practical performance tests under realistic conditions.		P
	These general tests serve the purpose of checking the equipment for imperfections that cannot be determined by the tests described elsewhere in this standard.		P
	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. Testing shall be done in accordance with 8.4.		P
7.8	Finish of parts		P
	Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs. Testing shall be done in accordance with 8.2.		P
7.9	Leakage		P
7.9.1	Total inward leakage		P
	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.		P
	The total inward leakage consists of three components: face seal leakage, exhalation valve leakage (if exhalation valve fitted) and filter penetration.		P

EN 149:2001+A1:2009																				
Clause	Requirement - Test	Result - Remark	Verdict																	
	For particle filtering half masks fitted in accordance with the manufacturer's information, at least 46 out of the 50 individual exercise results (i.e. 10 subjects x 5 exercises) for total inward leakage shall be not greater than 25 % for FFP1 11 % for FFP2 5 % for FFP3	total inward leakage: 1,80%	P																	
	and, in addition, at least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall be not greater than 22 % for FFP1 8 % for FFP2 2 % for FFP3. Testing shall be done in accordance with 8.5.	total inward leakage: 1,00%	P																	
7.9.2	Penetration of filter material		P																	
	The penetration of the filter of the particle filtering half mask shall meet the requirements of Table 1.	FFP3	P																	
	<table><tr><th colspan="3">Table 1 — Penetration of filter material</th></tr><tr><th rowspan="2">Classification</th><th colspan="2">Maximum penetration of test aerosol</th></tr><tr><th>Sodium chloride test 95 l/min % max.</th><th>Paraffin oil test 95 l/min % max.</th></tr><tr><td>FFP1</td><td>20</td><td>20</td></tr><tr><td>FFP2</td><td>6</td><td>6</td></tr><tr><td>FFP3</td><td>1</td><td>1</td></tr></table>		Table 1 — Penetration of filter material			Classification	Maximum penetration of test aerosol		Sodium chloride test 95 l/min % max.	Paraffin oil test 95 l/min % max.	FFP1	20	20	FFP2	6	6	FFP3	1	1	P
Table 1 — Penetration of filter material																				
Classification	Maximum penetration of test aerosol																			
	Sodium chloride test 95 l/min % max.	Paraffin oil test 95 l/min % max.																		
FFP1	20	20																		
FFP2	6	6																		
FFP3	1	1																		
	A total of 9 samples of particle filtering half masks shall be tested for each aerosol.		P																	
	Testing in accordance with 8.11 using the Penetration test according to EN 13274-7, shall be performed on: - 3 samples as received; - 3 samples after the simulated wearing treatment described in 8.3.1.		P																	
	Testing in accordance with 8.11 using the Exposure test with a specified mass of test aerosol of 120 mg, and for particle filtering devices claimed to be re-usable additionally the Storage test, according to EN 13274-7, shall be performed:		P																	
	for non-re-usable devices on: - 3 samples after the test for mechanical strength in accordance with 8.3.3 followed by temperature conditioning in accordance with 8.3.2.		P																	

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	for re-usable devices on: - 3 samples after the test for mechanical strength in accordance with 8.3.3 followed by temperature conditioning in accordance with 8.3.2. and followed by one cleaning and disinfecting cycle according to the manufacturer's instruction.		P
7.10	Compatibility with skin		P
	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.		P
	Testing shall be done in accordance with 8.4 and 8.5.		P
7.11	Flammability		P
	The material used shall not present a danger for the wearer and shall not be of highly flammable nature.		P
	When tested, the particle filtering half mask shall not burn or not to continue to burn for more than 5 s after removal from the flame. The particle filtering half mask does not have to be usable after the test. Testing shall be done in accordance with 8.6.	continue to burn for 2s	P
7.12	Carbon dioxide content of the inhalation air		P
	The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1,0 % (by volume). Testing shall be done in accordance with 8.7.	0,09%	P
7.13	Head harness		P
	The head harness shall be designed so that the particle filtering half mask can be donned and removed easily.		P
	The head harness shall be adjustable or self-adjusting and shall be sufficiently robust to hold the particle filtering half mask firmly in position and be capable of maintaining total inward leakage requirements for the device. Testing shall be done in accordance with 8.4 and 8.5.		P
7.14	Field of vision		P
	The field of vision is acceptable if determined so in practical performance tests. Testing shall be done in accordance with 8.4.		P
7.16	Breathing resistance		P

EN 149:2001+A1:2009																									
Clause	Requirement - Test	Result - Remark	Verdict																						
	The breathing resistances apply to valved and valveless particle filtering half masks and shall meet the requirements of Table 2. Testing shall be done in accordance with 8.9.		P																						
	Table 2 — Breathing resistance <table> <tr> <th rowspan="3">Classification</th><th colspan="3">Maximum permitted resistance (mbar)</th></tr> <tr> <th colspan="2">inhalation</th><th>exhalation</th></tr> <tr> <th>30 l/min</th><th>95 l/min</th><th>160 l/min</th></tr> <tr> <td>FFP1</td><td>0,6</td><td>2,1</td><td>3,0</td></tr> <tr> <td>FFP2</td><td>0,7</td><td>2,4</td><td>3,0</td></tr> <tr> <td>FFP3</td><td>1,0</td><td>3,0</td><td>3,0</td></tr> </table>	Classification	Maximum 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		P
Classification	Maximum 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																						
7.17	Clogging		P																						
7.17.1	General		P																						
	For single shift use devices, the clogging test is an optional test. For re-usable devices the test is mandatory.		P																						
	Devices designed to be resistant to clogging, shown by a slow increase of breathing resistance when loaded with dust, shall be subjected to the treatment described in 8.10.		P																						
	The specified breathing resistances shall not be exceeded before the required dust load of 833 mg h/m ³ is reached.		P																						
7.17.2	Breathing resistance		P																						
7.17.2.1	Valved particle filtering half masks		P																						
	After clogging the inhalation resistances shall not exceed FFP1: 4 mbar FFP2: 5 mbar FFP3: 7 mbar at 95 l/min continuous flow;.		P																						
	The exhalation resistance shall not exceed 3 mbar at 160 l/min continuous flow. Testing shall be done in accordance with 8.9.		P																						
7.17.2.2	Valveless particle filtering half masks		P																						
	After clogging the inhalation and exhalation resistances shall not exceed FFP1: 3 mbar FFP2: 4 mbar FFP3: 5 mbar at 95 l/min continuous flow. Testing shall be done in accordance with 8.9		P																						

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
7.17.3	Penetration of filter material		P
	All types (valved and valveless) of particle filtering half masks claimed to meet the clogging requirement shall also meet the requirements given in 7.9.2, for the Penetration test according to EN 13274-7, after the clogging treatment. Testing shall be done in accordance with 8.11 using EN 13274-7		P
7.18	Demountable parts		P
	All demountable parts (if fitted) shall be readily connected and secured, where possible by hand. Testing shall be done in accordance with 8.2.		P
8	Testing		—
8.1	General		P
	If no special measuring devices and methods are specified, commonly used devices and methods shall be used. NOTE For a summary of testing, see Table 4. Before performing tests involving human subjects account should be taken of any national regulations concerning the medical history, examination or supervision of the test subjects.		P
8.2	Visual inspection The visual inspection is carried out where appropriate by the test house prior to laboratory or practical performance tests.		P
8.3	Conditioning		P
8.3.1	Simulated wearing treatment		P
	Conditioning by simulated wearing treatment shall be carried out by the following process.		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	A breathing machine is adjusted to 25 cycles/min and 2,0 l/stroke. The particle filtering half mask is 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 shall be saturated at $(37 \pm 2) ^\circ \text{C}$ at the mouth of the dummy head. In order to prevent excess water spilling out of the dummy' s mouth and contaminating the particle filtering half mask the head shall be inclined so that the water runs away from the mouth and is collected in a trap.		P
	The breathing machine is brought into operation, the saturator switched on and the apparatus allowed to stabilize. The particle filtering half mask under test shall then be mounted on the dummy head. During the test time at approximately 20 min intervals the particle filtering half mask shall be completely removed from the dummy head and refitted such that during the test period it is fitted ten times to the dummy head		P
8.3.2	Temperature conditioning		P
	Expose the particle filtering half masks to the following thermal cycle:		P
	a) for 24 h to a dry atmosphere of $(70 \pm 3) ^\circ \text{C}$;		P
	b) for 24 h to a temperature of $(-30 \pm 3) ^\circ \text{C}$; and allow to return to room temperature for at least 4 h between exposures and prior to subsequent testing.		P
	The conditioning shall be carried out in a manner which ensures that no thermal shock occurs.		P
8.3.3	Mechanical strength		P
	Conditioning shall be done in accordance with EN 143.		P
8.3.4	Flow conditioning		P
	A total of 3 valved particle filtering half masks shall be tested, one as received and two temperature conditioned in accordance with 8.3.2.		P
8.4	Practical performance		P
8.4.1	General		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	A total of 2 particle filtering half masks shall be tested: both as received. All tests shall be carried out by two test subjects at ambient temperature and the test temperature and humidity shall be recorded. Prior to the test there shall be an examination to assure that the particle filtering half mask is in good working condition and that it can be used without hazard. Examination shall be done in accordance with 8.2.		P
	For the test, persons shall be selected who are familiar with using such or similar equipment. 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.		P
8.4.2	Walking test		P
	The subjects wearing normal working clothes and wearing the particle filtering half mask shall walk at a regular rate of 6 km/h on a level course. The test shall be continuous, without removal of the particle filtering half mask, for a period of 10 min.		P
8.4.3	Work simulation test		P
	The particle filtering half mask shall be tested under conditions which can be expected during normal use. During this test the following activities shall be carried out in simulation of the practical use of the particle filtering half mask. The test shall be completed within a total working time of 20 min.		P
	The sequence of activities is at the discretion of the test house. The individual activities shall be arranged so that sufficient time is left for the comments prescribed.		P
	a) walking on the level with headroom of $(1,3 \pm 0,2)$ m for 5 min;		P
	b) crawling on the level with headroom of $(0,70 \pm 0,05)$ m for 5 min;		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	c) filling a small basket (see Figure 1, approximate volume = 8 l) with chippings or other suitable material from a hopper which stands 1,5 m high and has an opening at the bottom to allow the contents to be shovelled out and a further opening at the top where the basket full of chippings is returned.		P
	The subject shall stoop or kneel as he wishes and fill the basket with chippings. He shall then lift the basket and empty the contents back into the hopper. This shall be done 20 times in 10 min.		P
8.5	Leakage		P
8.5.1	General test procedure		P
8.5.1.1	Total inward leakage		P
	A total of 10 test specimens shall be tested: 5 as received and 5 after temperature conditioning in accordance with 8.3.2.		P
	The total inward leakage shall be tested using sodium chloride aerosol.		P
	Prior to the test there shall be an examination to ensure that the particle filtering half mask is in good working condition and that it can be used without hazard. Examination shall be done in accordance with 8.2.		P
	For the test, persons shall be selected who are familiar with using such or similar equipment.		P
	A panel of ten clean-shaven persons (without beards or sideburns) shall be selected covering the spectrum of facial characteristics of typical users (excluding significant abnormalities). It is to be expected that exceptionally some persons cannot be satisfactorily fitted with a particle filtering half mask. Such exceptional subjects shall not be used for testing particle filtering half masks. In the test report the faces of the ten test subjects shall be described (for information only) by the four facial dimensions (in mm) illustrated in Figure 2.		P
8.5.1.2	Test equipment		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	The test atmosphere shall preferably enter the top of the enclosure through a flow distributor, and be directed downwards over the head of the test subject at a minimum flow rate of 0,12 m/s. The concentration of the test agent inside the effective working volume shall be checked to be homogeneous. The flow rate should be measured close to the subject's head.		P
	A level treadmill is required capable of working at 6 km/h.		P
8.5.1.3	Test procedure		P
	Ask the test subjects to read the manufacturer's fitting information and if more than one size of particle filtering half mask is manufactured, ask the test subject to select the size deemed by him to be the most appropriate. If necessary the test supervisor shall show the test subjects how to fit the particle filtering half mask correctly in accordance with the fitting information.		P
	Inform the test subjects that if they wish to adjust the particle filtering half mask during the test they may do so. However if this is done, repeat the relevant section of the test, having allowed the system to resetttle.		P
	The test subjects shall have no indication of the results as the test proceeds.		P
	After fitting the particle filtering half mask, ask each test subject 'Does the mask fit?'. If the answer is 'Yes', continue the test. If the answer is 'No', take the test subject off the panel, report the fact and replace with another test subject.		P
	The test sequence shall be as follows:		P
	a) Ensure the test atmosphere is OFF.		P
	b) Place the test subject in the enclosure. Connect up the facepiece sampling probe. Have the test subject walk at 6 km/h for 2 min. Measure the test agent concentration inside the particle filtering half mask to establish the background level.		P
	c) Obtain a stable reading.		P
	d) Turn the test atmosphere ON.		P
	e) The subject shall continue to walk for a further 2 min or until the test atmosphere has stabilized.		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	f) Whilst still walking the subject shall perform the following exercises: 1) walking for 2 min without head movement or talking; 2) turning head from side to side (approx. 15 times), as if inspecting the walls of a tunnel for 2 min; 3) moving the head up and down (approx. 15 times), as if inspecting the roof and floor for 2 min; 4) reciting the alphabet or an agreed text out loud as if communicating with a colleague for 2 min; 5) walking for 2 min without head movement or talking.		P
	g) Record 1) enclosure concentration; 2) the leakage over each exercise period.		P
	h) Turn off the test atmosphere and when the test agent has cleared from the enclosure remove the subject.		P
	After each test, replace the particle filtering half mask by a new sample.		P
8.5.2	Method		P
8.5.2.1	Principle		P
	The subject wearing the particle filtering half mask under test walks on a treadmill over which is an enclosure.		P
	Through this enclosure flows a constant concentration of NaCl aerosol. The air inside the particle filtering half mask is sampled and analysed during the inhalation phase of the respiratory cycle to determine the NaCl content. The sample is extracted by punching a hole in the particle filtering half mask and inserting a probe through which the sample is drawn. The pressure variation inside the particle filtering half mask is used to actuate a change-over valve so that inhaled air only is sampled. A second probe is inserted for this purpose.		P
8.5.2.2	Test equipment (see Figure 3)		P
8.5.2.2.1	Aerosol generator		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	The NaCl aerosol shall be generated from a 2 % solution of reagent grade NaCl in distilled water. An atomizer equivalent to the type described should be used (see Figure 4). This requires an air flow rate of 100 l/min at a pressure of 7 bar. The atomizer and its housing shall be fitted into a duct through which a constant flow of air is maintained. It may be necessary to heat or dehumidify the air in order to obtain complete drying of the aerosol particles.		P
8.5.2.2.2	Test agent		P
	The mean NaCl concentration within the enclosure shall be (8 ± 4) mg/m ³ and the variation throughout the effective working volume shall be not more than 10 %. The particle size distribution shall be 0,02 μ m to 2 μ m equivalent aerodynamic diameter with a mass median diameter of 0,6 μ m.		P
8.5.2.2.3	Flame photometer		P
	A flame photometer shall be used to measure the concentration of NaCl inside the particle filtering half mask. Essential performance characteristics for a suitable instrument are:		P
	a) It should be a flame photometer specifically designed for the direct analysis of NaCl aerosol;		P
	b) It should be capable of measuring concentrations of NaCl aerosol between 15 mg/m ³ and 5 ng/m ³ ;		P
	c) The total aerosol sample required by the photometer should not be greater than 15 l/min;		P
	d) The response time of the photometer, excluding the sampling system, should not be greater than 500 ms;		P
	e) It is necessary to reduce the response to other elements, particularly carbon, the concentration of which will vary during the breathing cycle. This will be achieved by ensuring that the band pass width of the interference filter is no greater than 3 nm and that all necessary side-band filters are included		P
8.5.2.2.4	Sample selector		P
	A system is required which will switch the sample to the photometer only during the inhalation phase of the respiratory cycle.		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	During the exhalation phase clean air shall be fed to the photometer. The essential elements of such a system are:		P
	a) An electrically operated valve with a response time of the order of 100 ms. The valve should have the minimum possible dead space compatible with straight-through, unrestricted flow when open;		P
	b) A pressure sensor which is capable of detecting a minimum pressure change of approx. 0,05 mbar and which can be connected to a probe inserted in the cavity of the particle filtering half mask. The sensor shall have an adjustable threshold and be capable of differential signalling when the threshold is crossed in either direction. The sensor shall work reliably when subjected to the accelerations produced by the head movements of the subject;		P
	c) An interfacing system to actuate the valve in response to a signal from the pressure sensor;		P
	d) timing device to record the proportion of the total respiratory cycle during which sampling took place.		P
8.5.2.2.5	Sampling probe		P
	The probe shall be fitted securely in an airtight manner to the particle filtering half mask as near as possible to the centre line of the particle filtering half mask. A multiple hole sampling probe is strongly recommended		P
	Measures shall be taken to prevent the influence of condensation in the sampling probe on the measurement (by supplying dry air). Figure 5 shows a design that has been found suitable. The probe is adjusted so that it just touches the wearer's lips.		P
	Care shall be taken to ensure that the probe does not disturb the normal fit or shape of the mask.		P
8.5.2.2.6	Sample pump		P
	If no pump is incorporated into the photometer an adjustable flow pump is used to withdraw an air sample from the particle filtering half mask under test. This pump is so adjusted as to withdraw a constant flow of 1 l/min from the sample probe. Dependent on the type of photometer it may be necessary to dilute the sample with clean air.		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
8.5.2.2.7	Sampling of enclosure concentration The enclosure aerosol concentration is monitored during the tests using a separate sampling system, to avoid contamination of the particle filtering half mask sampling lines. It is preferable to use a separate flame photometer for this purpose. If a second photometer is not available, sampling of the enclosure concentration using a separate sampling system and the same photometer may be made. However, time will then be required to allow the photometer to return to a clean background.		P
8.5.2.2.8	Pressure detection probe		P
	A second probe is fitted near to the sample probe and is connected to the pressure sensor.		P
8.5.2.3	Expression of results		P
	The leakage P shall be calculated from measurements made over the last 100 s of each of the exercise periods to avoid carry over of results from one exercise to the other. $P(\%) = \frac{C_2}{C_1} \times \left(\frac{t_{IN} + t_{EX}}{t_{IN}} \right) \times 100$ where C ₁ is the challenge concentration C ₂ is the measured mean concentration in the breathing zone of the test subject t _{IN} is the total duration of inhalation t _{EX} is the total duration of exhalation Measurement of C ₂ is preferably made using an integrating recorder.		P
8.6	Flammability		P
	A total of four particle filtering half masks shall be tested: two in the state as received and two after temperature conditioning in accordance with 8.3.2.		P
	The single burner test is carried out according to the following procedure.		P
	The facepiece is put on a metallic dummy head which is motorized such that it describes a horizontal circle with a linear speed, measured at the tip of the nose, of (60 ± 5) mm/s.		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	The head is arranged to pass over a propane burner the position of which can be adjusted. By means of a suitable gauge, the distance between the top of the burner, and the lowest part of the facepiece (when positioned directly over the burner) shall be set to (20 ± 2) mm.		P
	A burner described in ISO 6941 has been found suitable.		P
	With the head turned away from the area adjacent to the burner, the propane gas is turned on, the pressure adjusted to between 0,2 bar and 0,3 bar and the gas ignited. By means of a needle valve and fine adjustments to the supply pressure, the flame height shall be set to (40 ± 4) mm. This is measured with a suitable gauge. The temperature of the flame measured at a height of (20 ± 2) mm above the burner tip by means of a 1,5 mm diameter mineral insulated thermocouple probe, shall be $(800 \pm 50)^\circ \text{C}$.		P
	Failure to meet the temperature requirement indicates that a fault such as a partially blocked burner exists. This shall be rectified before testing.		P
	The head is set in motion and the effect of passing the facepiece once through the flame shall be noted.		P
	The test shall be repeated to enable an assessment to be made of all materials on the exterior of the device. Any one component shall be passed through the flame once only.		P
8.7	Carbon dioxide content of the inhalation air		P
	A total of 3 particle filtering half masks shall be tested: all 3 as received.		P
	The apparatus consists essentially of a breathing machine with solenoid valves controlled by the breathing machine, a connector, a CO_2 flowmeter and a CO_2 analyser.		P
	The apparatus subjects the particle filtering half mask to a respiration cycle by the breathing machine.		P
	For this test the particle filtering half mask shall be fitted securely in a leak-tight manner but without deformation to a Sheffield dummy head (see Figure 6).		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	Air shall be supplied to it from a breathing machine adjusted to 25 cycles/min and 2,0 l/stroke and the exhaled air shall have a carbon dioxide content of 5 % by volume.		P
	A typical test arrangement is shown in Figure 7. If the design of the test equipment causes a CO ₂ build-up a CO ₂ absorber shall be used in the inhalation branch between solenoid valve and breathing machine.		P
	The CO ₂ is fed into the breathing machine via a control valve, a flowmeter, a compensating bag and two non-return valves.		P
	Immediately before the solenoid valve a small quantity of exhaled air is preferably continuously withdrawn through a sampling line and then fed into the exhaled air via a CO ₂ analyser.		P
	To measure the CO ₂ content of the inhaled air, 5 % of the stroke volume of the inhalation phase of the breathing machine is drawn off at the marked place by an auxiliary lung and fed to a CO ₂ analyser. The total dead space of the gas path (excluding the breathing machine) of the test installation should not exceed 2000 ml.		P
	Measure the carbon dioxide content of the inhaled air and record continuously.		P
	Test conditions are ambient atmospheric conditions.		P
	The ambient carbon dioxide level is measured 1 m in front of and level with the tips of the nose of the dummy head. The ambient level is measured once a stabilized level for carbon dioxide in the inhalation air has been attained.		P
	Alternatively, the ambient level of carbon dioxide may be measured at the sampling tube with the carbon dioxide supply turned off.		P
	Results are deemed acceptable only if the measured value of the ambient level of carbon dioxide is less than 0,1 %.		P
	The laboratory ambient carbon dioxide level shall be subtracted from the measured value. The air flow from the front shall be 0,5 m/s. For test arrangement see Figure 8.		P
	The test shall be performed until a constant carbon dioxide content in the inhalation air is achieved.		P
8.8	Strength of attachment of exhalation valve housing		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	A total of three particle filtering half masks shall be tested: one as received, one temperature conditioned in accordance with 8.3.2 and one after the test described for mechanical strength in EN 143.		P
	Mount the particle filtering half mask securely to a fixture as shown in Figure 9. Apply an axial tensile force of 10 N to the valve (housing) for 10 s, and note the results.		P
8.9	Breathing Resistance		P
8.9.1	Test samples and fixture		P
8.9.1.1	Valveless particle filtering half masks™		P
	A total of 9 ~ valveless particle filtering™ half masks shall be tested: 3 as received, 3 after temperature conditioning in accordance with 8.3.2 and 3 after the test for simulated wearing in accordance with 8.3.1		P
8.9.1.2	Valved particle filtering half masks™		P
	A total of 12 valved particle filtering half masks shall be tested: 3 as received, 3 after temperature conditioning in accordance with 8.3.2, 3 after the test for simulated wearing in accordance with 8.3.1 and 3 after the flow conditioning in accordance with 8.3.4.		P
	The particle filtering half mask shall be fitted securely in a leaktight manner but without deformation on the Sheffield dummy head.		P
	The flow rate at which the resistance is measured shall be corrected to 23°C and 1 bar absolute.		P
8.9.2	Exhalation resistance		P
	Seal the particle filtering half mask on the Sheffield dummy head. Measure the exhalation resistance at the opening for mouth of the dummy head using the adapter shown in Figure 6 and a breathing machine adjusted to 25 cycles/min and 2.0 l/stroke or a continuous flow 160 l/min. Use a suitable pressure transducer.		P
	Measure the exhalation resistance with the dummy head successively placed in 5 defined positions:		P
	facing directly ahead		P
	facing vertically upwards		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	facing vertically downwards		P
	lying on the left side		P
	lying on the right side		P
8.9.3	Inhalation resistance		P
	Test the inhalation resistance at 30 l/min and 95 l/min continuous flow.		P
8.10	Clogging		P
8.10.1	Principle		P
	The test aerosol shall be dolomite. A total of 3 particle filtering half masks shall be tested: 1 as received and 2 after temperature conditioning in accordance with 8.3.2.		P
	The test consists of subjecting the particle filtering half mask to a sinusoidal breathing simulation, whilst the sample is surrounded by a known concentration of dolomite dust in air. Following the exposure, the breathing resistance and the filter penetration of the sample particle filtering half mask are measured.		P
8.10.2	Test equipment		P
	A scheme of a typical apparatus is given in Figure 10. The working area of the test chamber has a suggested square section of 650 mm · 650 mm.		P
	The breathing machine has a displacement of 2,0 l/stroke. The exhaled air shall pass a humidifier in the exhaled air circuit, such that the exhaled air temperature, measured at the position of the sample particle filtering half mask is $(37 \pm 2) ^\circ \text{C}$ and 95 % R.H. minimum.		P
8.10.3	Test conditions		P
	Dust: DRB 4/15 dolomite The size distribution of dolomite dust is given in Table 3.		P

EN 149:2001+A1:2009

Clause	Requirement - Test	Result - Remark	Verdict
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	Table 3 — Size distribution of dolomite dust				P
	Coulter counter		Sedimentation analysis		
	Size (equivalent spherical diameter)	% Number particles oversize	Size (Stokes diameter)	% weight oversize	
	μm		μm		
	0,7	100	1	99,5	
	1	80	2	97,5	
	2	30	3	95	
	3	17	5	85	
	5	7	8	70	
	9	2	10	50	
			12	26	
			14	10	
	12	1	18	1	
	The particle size distribution of the airborne dust at the working area of the dust chamber is given in Figure 11.			P	
	This characteristic is an essential parameter, which shall be verified especially if the geometry of the test chamber is somewhat different from the model described as follows:			P	
	Continuous flow through the dust chamber: 60 m³/h, linear velocity 4 cm/s;			P	
	Sinusoidal flow through the particle filtering half mask is delivered by a breathing machine adjusted to 15 cycles/min and 2,0 l/stroke; the exhaled air shall be saturated in humidity;			P	
	Concentration of the dust: (400 ± 100) mg/m³;			P	
	Temperature of the air: (23 ± 2) ° C;			P	
	Relative humidity of the air: (45 ± 15) %;			P	
	Testing time: Until the product of measured dust concentration and exposure time is 833 mg h/m³ or until:			P	

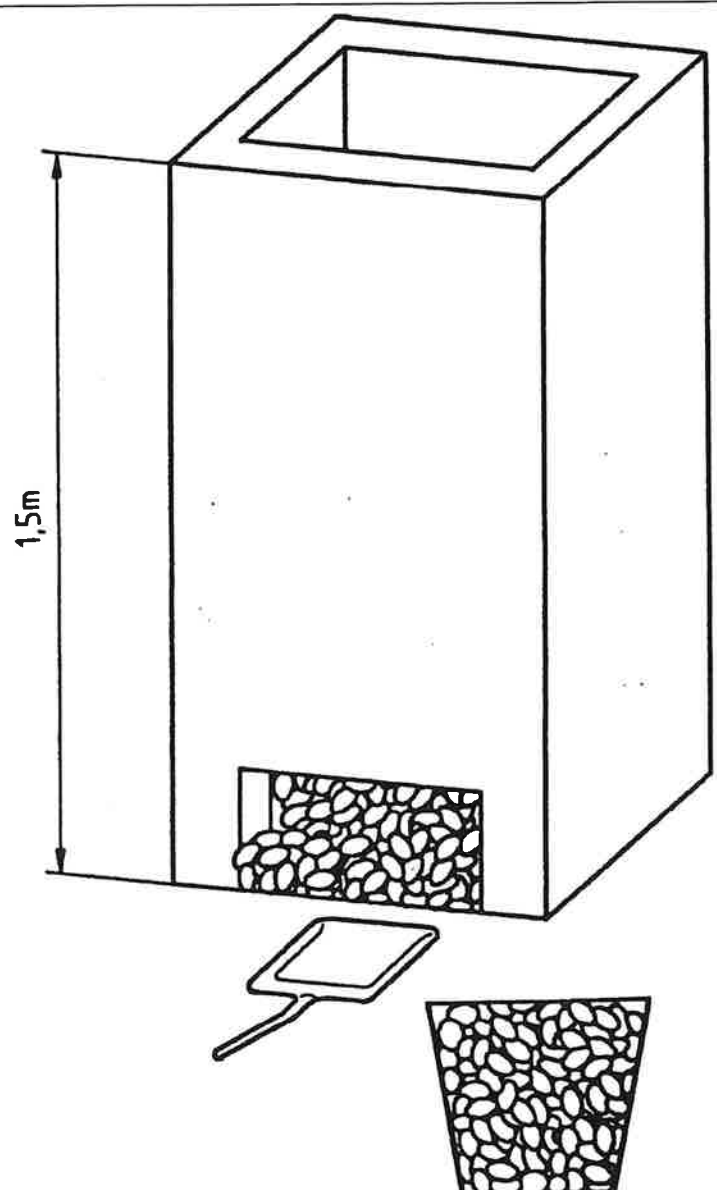
EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	1) for valved particle filtering half masks the peak inhalation resistance (corresponding to a continuous flow of 95 l/min) has reached 4 mbar for class FFP1 or 5 mbar for class FFP2 or 7 mbar for class FFP3, or until the peak exhalation resistance has reached a 1,8 mbar (corresponding to 3 mbar at a continuous flow of 160 l/min);		P
	2) for valveless particle filtering half masks the peak inhalation or the peak exhalation resistance has reached 3 mbar for class FFP1 or 4 mbar for class FFP2 or 5 mbar for class FFP3. NOTE 833 mg h/m ³ corresponds to inhaling a total volume of air laden with 1,5 g of dust. This is represented for example by a dust concentration of 400 mg/m ³ and an exposure time of 125 min. Because of the dust losses on exhalation, the cumulative weight of dust collected on the particle filtering half mask will probably be less than 1,5 g. For this reason there is no purpose in weighing the sample particle filtering half mask.		P
8.10.4	Test procedure		P
	Convey dust from the distributor to the dust chamber where it is dispersed into the air stream of 60 m ³ /h.		P
	Fit the sample particle filtering half mask in a leaktight manner to a dummy head or a suitable filter holder located in the dust chamber. Connect the breathing machine and humidifier to the sample and operate for the specified testing time.		P
	The concentration of dust in the test chamber may be measured by drawing air at 2 l/min through a sampling probe equipped with a pre-weighed, high efficiency filter (open face, diameter 37 mm) located near the test sample, as shown in Figure 10.		P
	Calculate the dust concentration from the weight of dust collected, the flow rate through the filter and the time of collection.		P
	Other suitable means may be used.		P
8.10.5	Assessment of clogging		P
	Following the exposure, measure the breathing resistance of the particle filtering half mask using clean air. Then measure the filter penetration in accordance with 8.11.		P
8.11	Penetration of filter material		P

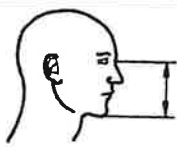
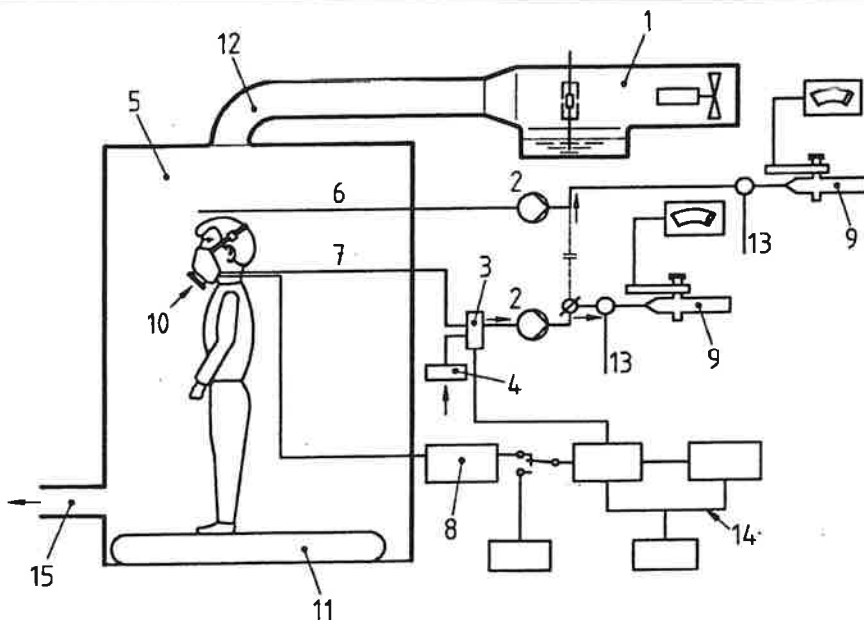
EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	The device shall be mounted in a leaktight manner on a suitable adaptor and subjected to the test(s), ensuring that components of the device that could affect filter penetration values such as valves and harness attachment points are exposed to the challenge aerosol.		P
	Testing of penetration, exposure and storage shall be done in accordance with EN 13274-7."		P
9	Marking		—
9.1	Packaging		P
	The following information shall be clearly and durably marked on the smallest commercially available packaging or legible through it if the packaging is transparent.		P
9.1.1	The name, trademark or other means of identification of the manufacturer or supplier.		P
9.1.2	Type-identifying marking.		P
9.1.3	Classification		P
	The appropriate class (FFP1, FFP2 or FFP3) followed by a single space and then: "NR" if the particle filtering half mask is limited to single shift use only. Example: FFP3 NR, or "R" if the particle filtering half mask is re-usable. Example: FFP2 R D."		P
9.1.4	The number and year of publication of this European Standard.		P
9.1.5	At least the year of end of shelf life. The end of shelf life may be informed by a pictogram as shown in Figure 12a, where yyyy/mm indicates the year and month.		P
9.1.6	The sentence 'see information supplied by the manufacturer', at least in the official language(s) of the country of destination, or by using the pictogram as shown in Figure 12b.		P
9.1.7	The manufacturer's recommended conditions of storage (at least the temperature and humidity) or equivalent pictogram, as shown in Figures 12c and 12d.		P
9.1.8	The packaging of those particle filtering half masks passing the dolomite clogging test shall be additionally marked with the letter "D". !This letter shall follow the classification marking preceded by a single space. Example FFP2 R D"		P
9.2	Particle filtering half mask		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
	Particle filtering half masks complying with this European Standard shall be clearly and durably marked with the following:		P
9.2.1	The name, trademark or other means of identification of the manufacturer or supplier.		P
9.2.2	Type-identifying marking.		P
9.2.3	The number and year of publication of this European Standard.		P
9.2.4	Classification The appropriate class (FFP1, FFP2 or FFP3) followed by a single space and then: "NR" if the particle filtering half mask is limited to single shift use only. Example: FFP3 NR, or "R" if the particle filtering half mask is re-usable. Example: FFP2 R D."		P
9.2.5	If appropriate the letter D (dolomite) in accordance with clogging performance. This letter shall follow the classification marking preceded by a single space (see 9.2.4). Examples FFP3 NR D, FFP2 R D"		P
9.2.6	Sub-assemblies and components with considerable bearing on safety shall be marked so that they can be identified.		P
10	Information to be supplied by the manufacturer		—
10.1	Information supplied by the manufacturer shall accompany every smallest commercial available package.		P
10.2	Information supplied by the manufacturer shall be at least in the official language(s) of the country of destination.		P
10.3	The information supplied by the manufacturer shall contain all information necessary for trained and qualified persons on application/limitations; the meaning of any colour coding; checks prior to use; donning, fitting; use; maintenance (e.g. cleaning, disinfecting), if applicable; storage; the meaning of any symbols/pictograms used of the equipment.		P
10.4	The information shall be clear and comprehensible. If helpful, illustrations, part numbers, marking shall be added.		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict
10.5	Warning shall be given against problems likely to be encountered, for example: fit of particle filtering half mask (check prior to use); it is unlikely that the requirements for leakage will be achieved if facial hair passes under the face seal; air quality (contaminants, oxygen deficiency); use of equipment in explosive atmosphere.		P
10.6	The information shall provide recommendations as to when the particle filtering half mask shall be discarded.		P
10.7	For devices marked "NR", a warning shall be given that the particle filtering half mask shall not be used for more than one shift.		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict

	 1,5m	P
	Figure 1 — Basket and hopper, chippings	

EN 149:2001+A1:2009																			
Clause	Requirement - Test	Result - Remark	Verdict																
	 length of face (nasion - menton)  width of face (bizygomatic diameter)  depth of face  width of mouth Figure 2 — Facial dimensions		P																
	 Key <table><tr><td>1 Atomizer</td><td>8 Manometer</td></tr><tr><td>2 Pump</td><td>9 Photometer</td></tr><tr><td>3 Change-over valve</td><td>10 Particle filtering half mask</td></tr><tr><td>4 Filter</td><td>11 Treadmill</td></tr><tr><td>5 Enclosure</td><td>12 Ducting and baffle</td></tr><tr><td>6 Enclosure sample</td><td>13 Additional air</td></tr><tr><td>7 Mask sample</td><td>14 Pulsed sampling interface</td></tr><tr><td></td><td>15 Exhaust</td></tr></table> Figure 3 — Typical apparatus used in the determination of inward leakage using sodium chloride	1 Atomizer	8 Manometer	2 Pump	9 Photometer	3 Change-over valve	10 Particle filtering half mask	4 Filter	11 Treadmill	5 Enclosure	12 Ducting and baffle	6 Enclosure sample	13 Additional air	7 Mask sample	14 Pulsed sampling interface		15 Exhaust		P
1 Atomizer	8 Manometer																		
2 Pump	9 Photometer																		
3 Change-over valve	10 Particle filtering half mask																		
4 Filter	11 Treadmill																		
5 Enclosure	12 Ducting and baffle																		
6 Enclosure sample	13 Additional air																		
7 Mask sample	14 Pulsed sampling interface																		
	15 Exhaust																		

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict

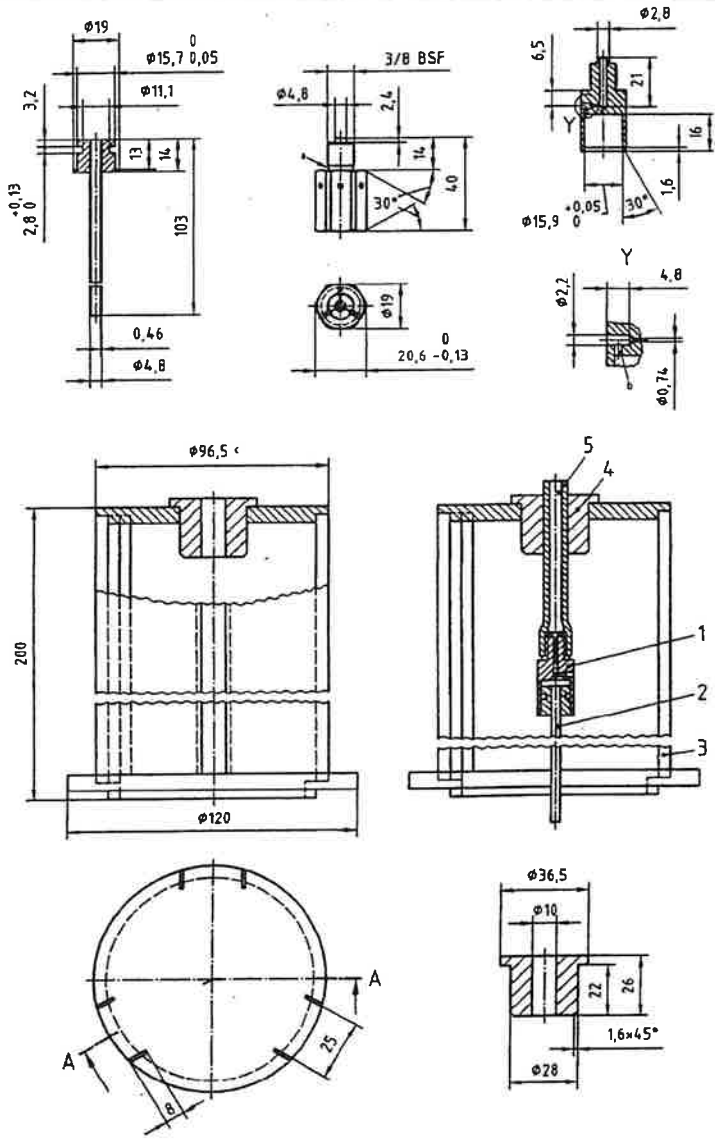
	 Key 1 Nozzle 2 Feed tube (salt solution) 3 Sleeve 4 Bush 5 Air tube (10,0 Outer Diameter)	P

Figure 4 — Typical assembly of atomizer

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict

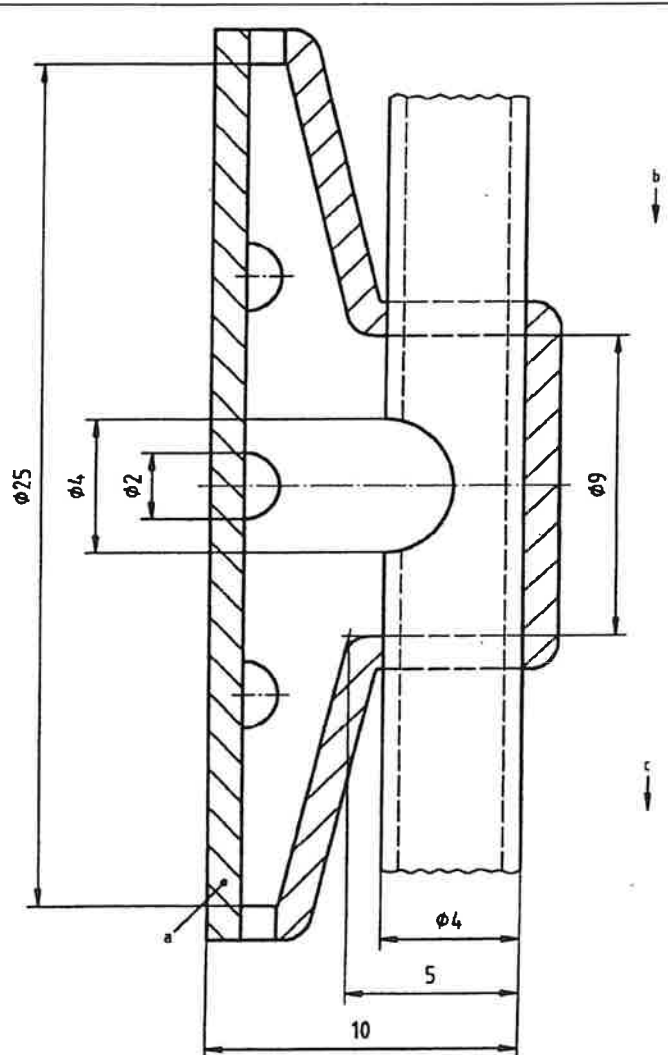
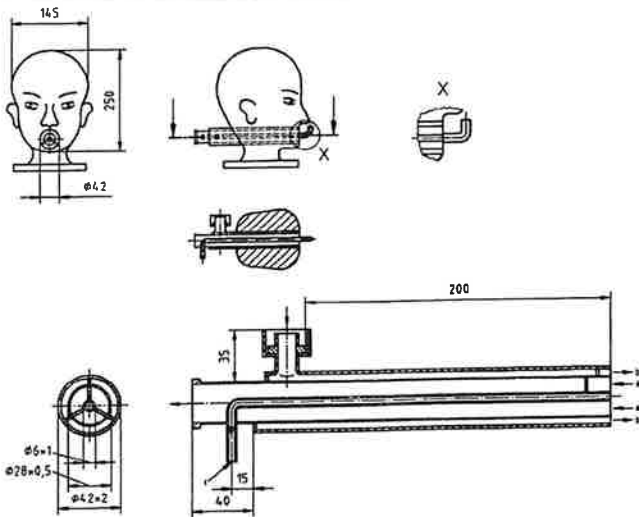
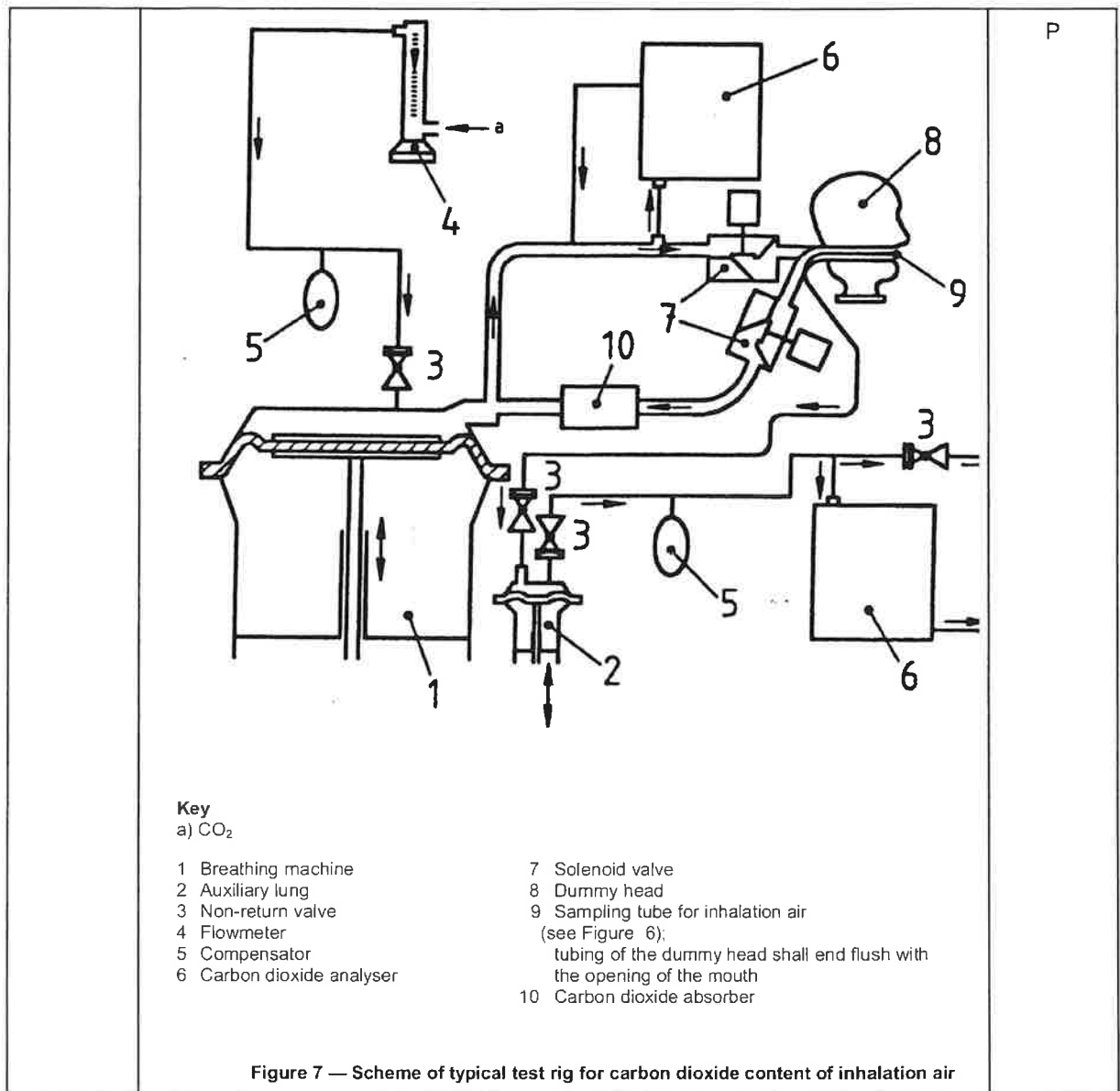
	 Key a) Clear material b) Drying air c) Drying air plus sample	P
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Figure 5 — Typical Sample probe

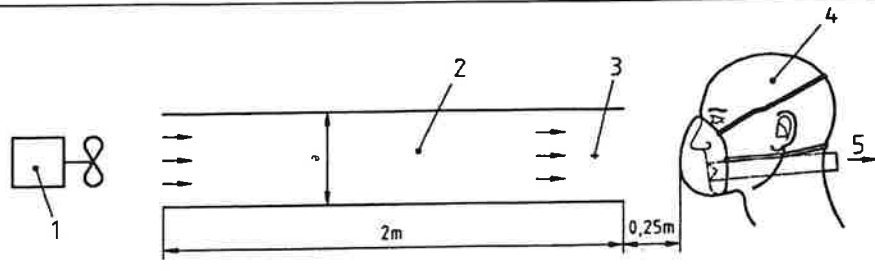
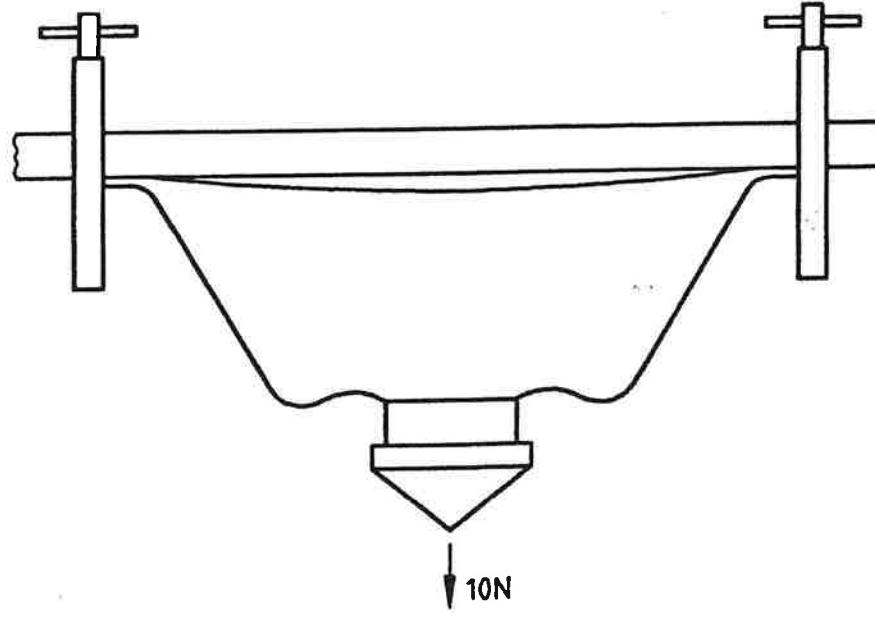
EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict

	 Key 1 to manometer 2 dummy head 3 to breathing machine, inhalation 4 exhaled air 5 pressure port 6 inhaled air 7 from breathing machine, exhalation Figure 6 — Dummy head (Sheffield head) for carbon dioxide content test of the inhalation air (dead space) for a particle filtering half mask and insert for measuring the breathing resistance	P

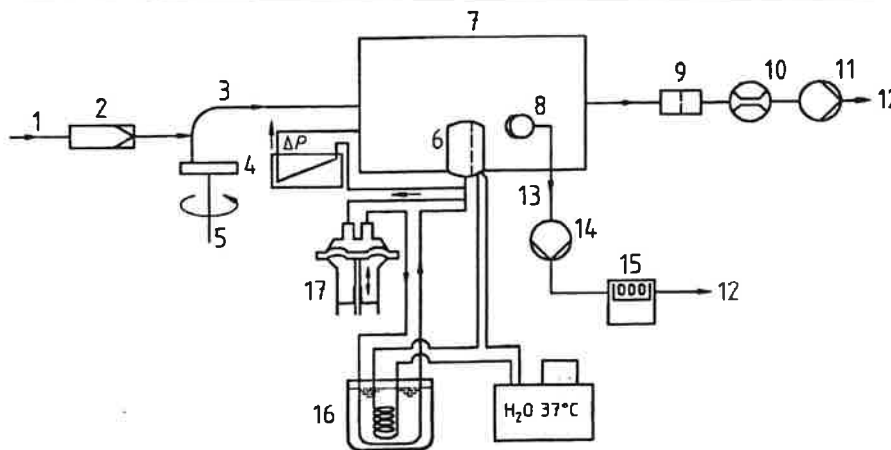
Clause	Requirement - Test	Result - Remark	Verdict
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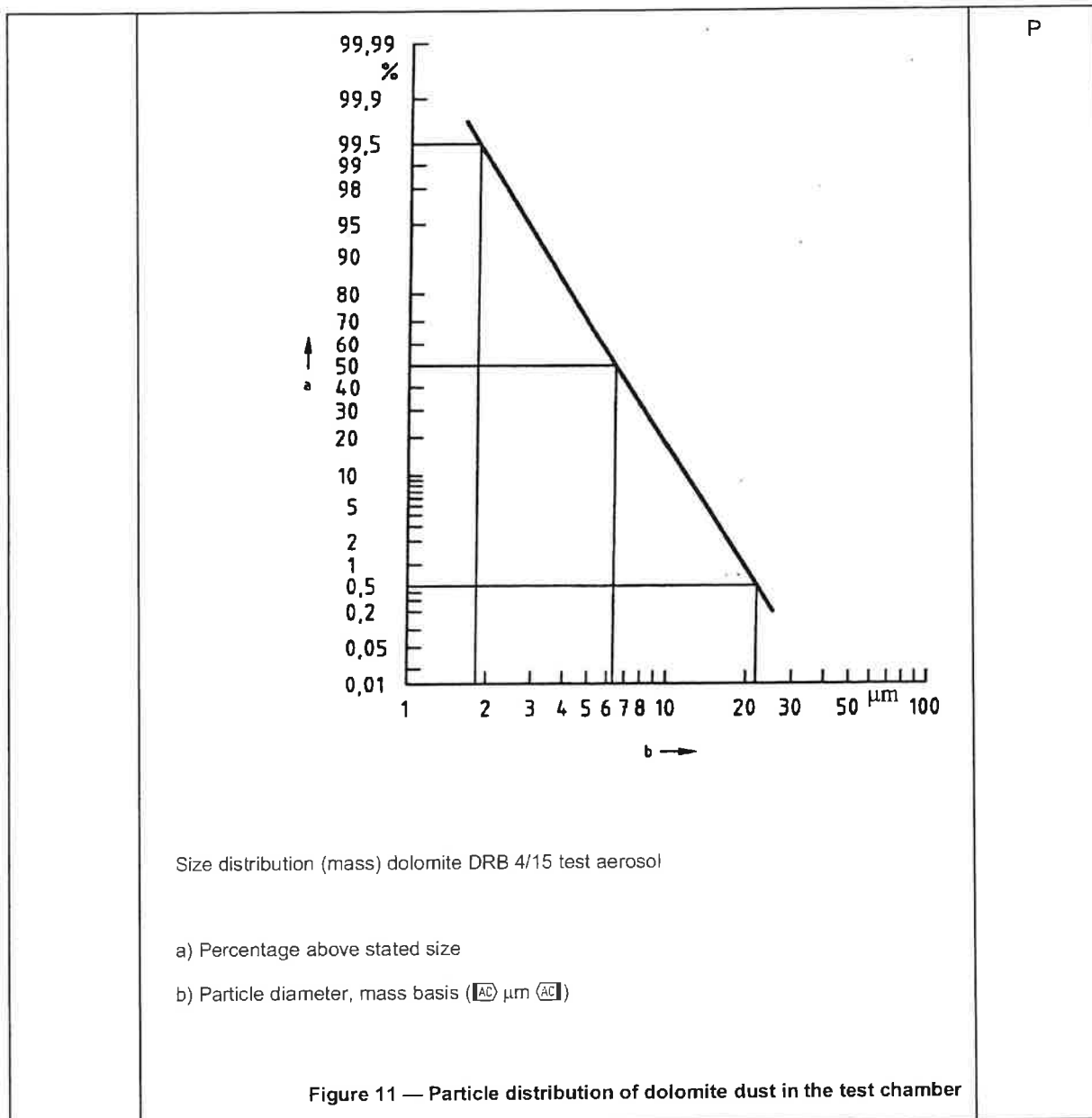
EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict

	 Key 1 Blower 2 Duct 3 Sensor for air flow 4 Dummy head 5 Towards the breathing machine - Dimension "a": (0,3 to 0,5) m Figure 8 — Scheme of test arrangement and air flow for carbon dioxide content test	P
	 Figure 9 — Typical arrangement of axial tensile force test on exhalation valve housing	P

EN 149:2001+A1:2009

Clause	Requirement - Test	Result - Remark	Verdict
	 Key 1 Compressed air 2 Air filter 3 Injector 4 Dust 5 Dust distributor 6 Specimen 7 Dust test chamber 8 Probe 9 Filter 10 Flowmeter 11 Pump 12 Exhaust 13 Probe line 14 Pump 15 Counter 16 Humidity 17 Breathing machine Figure 10 — Details of typical dolomite clogging test apparatus		P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict



EN 149:2001+A1:2009

Clause	Requirement - Test	Result - Remark	Verdict
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	Table 4 — Summary of requirements and test				P
	 Title	Requirement clause	No. of samples ^a	Conditioning ^b	Test clause
	Visual inspection	7.3, 7.4, 7.5, 7.6, 7.15, 7.18	All	-	8.2
	Material	7.5	6	S.W. (3) T.C (3)	8.2
	Cleaning and disinfection	7.6	5	A.R. (5)	Manufacturer's information
	Practical performance	7.7	2	A.R (2)	8.4
	Total inward leakage	7.9.1	10	A.R. (5) T.C. (5)	8.5
	Penetration of filter material	7.9.2	9 (for each aerosol)	A.R. (3), S.W. (3), (M.S. + T.C. + C.D.) (3)	8.11
	Compatibility with skin	7.10	10	A.R. (5), T.C. (5)	8.4, 8.5
	Flammability	7.11	4	A.R. (2), T.C. (2)	8.6
	Carbon dioxide content	7.12	3	A.R. (3)	8.7
	Head harness	7.13	10	A.R. (5), T.C. (5)	8.4, 8.5
	Field of vision	7.14	2	A.R. (2)	8.4
	Exhalation valve	7.15	10	A.R. (5), T.C. (5)	8.5, 8.2
	Exhalation valve flow	7.15	3	A.R. (1), T.C. (2)	8.3.4, 8.2
	Exhalation valve pull	7.15	3	A.R. (1), M.S. (1), T.C. (1)	8.8, 8.2
	Breathing resistance (valved devices)	7.16	12	A.R. (3), S.W. (3), T.C. (3), F.C. (3)	8.9
	Breathing resistance (valveless devices)	7.16	9	A.R. (3), S.W. (3), T.C. (3)	8.9
	Clogging test (optional for FFP1 + FFP2 + FF P3 single shift use devices only)	7.17	3	A.R. (1), T.C. (2)	8.10
	Demountable parts	7.18	All	A.R.	8.2
^a Most samples used for more than one test ^b Abbreviations: A.R. As received M.S. Mechanical strength S.W. Simulated wearing treatment T.C. Temperature conditioned F.C. Flow conditioned C.D. Cleaning and Disinfecting, if applicable					
Annex A	Marking				—
	It is recommended to consider for marking the following components and sub-assemblies to be identifiable:				P

EN 149:2001+A1:2009			
Clause	Requirement - Test	Result - Remark	Verdict

Table A.1 — Marking				P
Components/ sub-assemblies	Part-marking	Date of manufacture	Remarks	
Exhalation valve disc	-	+	1	
Head harness	+	+	1	
+: The marking is necessary. -: The marking is not necessary. 1: For parts which cannot reasonably be marked the relevant information shall be included in the information to be supplied by the manufacturer. The components of a sub-assembly need not be marked when the sub-assembly is identifiable. Those components not offered as spare parts by the manufacturer need not be marked but the relevant information have to be given in the information to be supplied by the manufacturer.				

7.92	Penetration of filter material		Result
Model	Sodium chloride test 95 l/min (%)	Paraffin oil test 95 l/min (%)	
KN95	0.68	2.00	P

7.16	Breathing resistance(mbar)			Result
Model	inhalation		exhalation	
	30 l/min	95 l/min	160 l/min	
KN95	0.66	2.13	2.15	P

7.17	Breathing resistance(mbar)		Result
Model	inhalation	exhalation	
	95 l/min	160 l/min	
KN95	2,15	3,13	P

Details of: KN95

View:

☐ general

☐ front

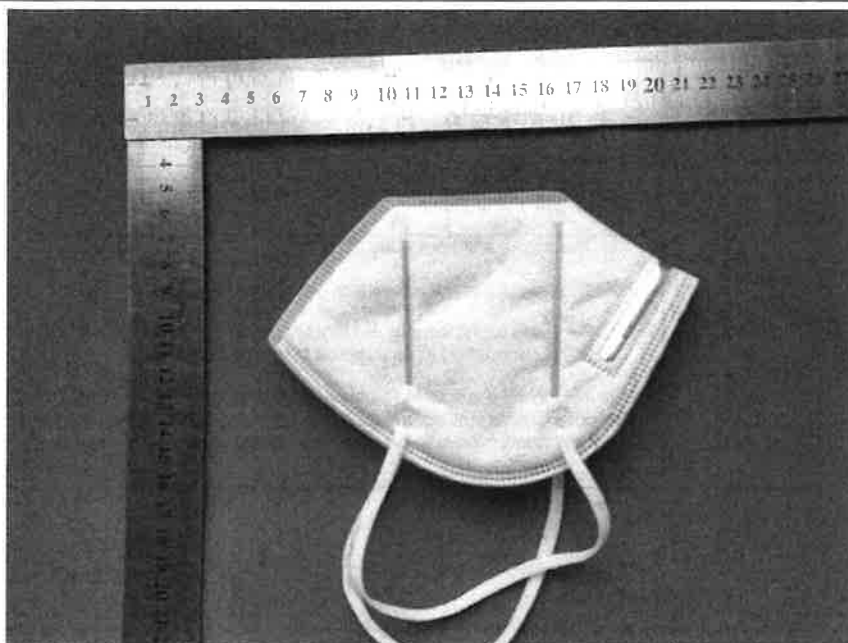
☐ rear

☐ right

☐ left

☐ top

☐ bottom



Details of: KN95

View:

☐ general

☐ front

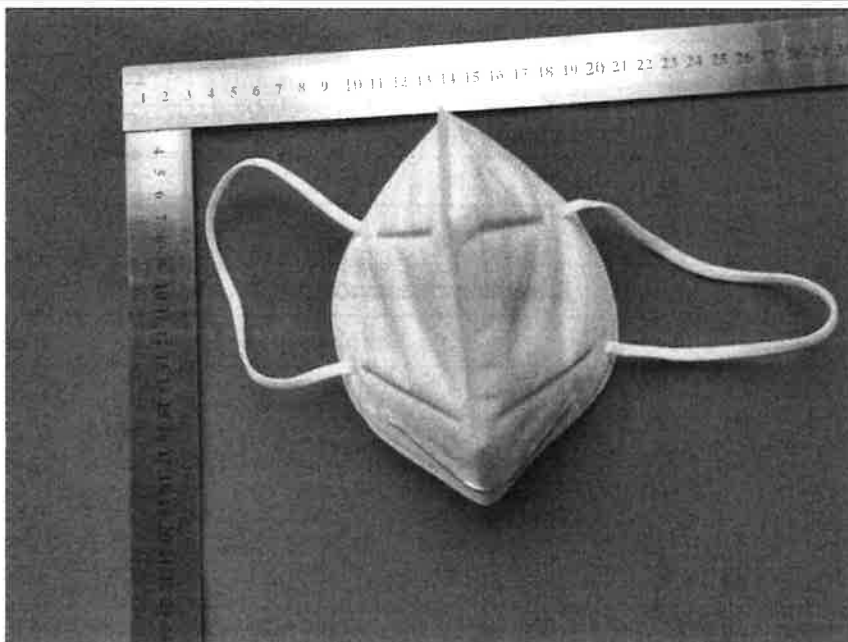
☐ rear

☐ right

☐ left

☐ top

☐ bottom



Details of: KN95

View:

☐ general

☐ front

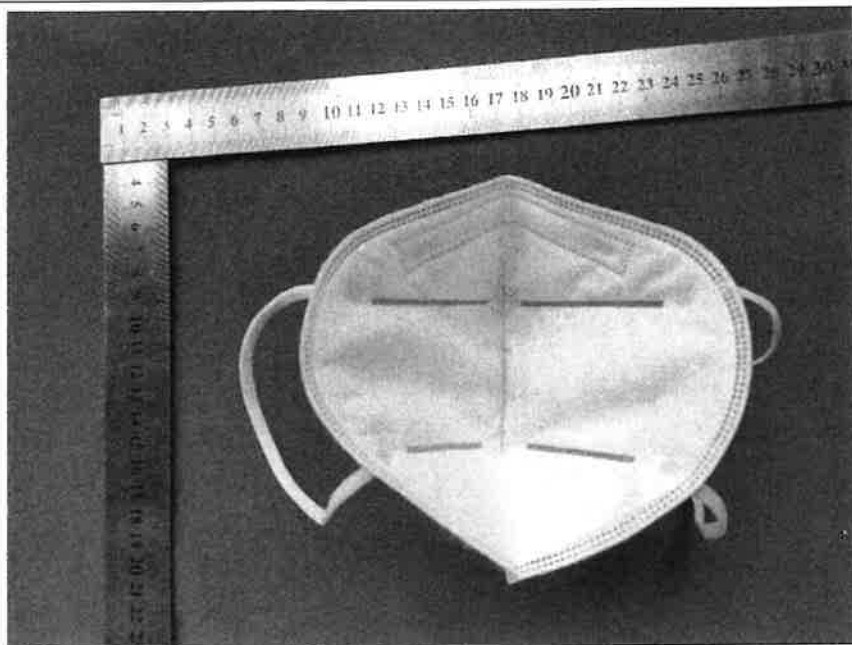
☐ rear

☐ right

☐ left

☐ top

☐ bottom



---The end of report---





The 3rd Party Certificate of
FDA Medical Device Registration

Note:

This file is Not being issued by FDA, SFT, as the 3rd party, produce it, intended to facilitate customer display & transmit information. The following contents, FDA registered Facility/Owner/Operator&FDA listing Medical Device, are excerpted from database at www.fda.gov.



Establishment:

Jiaxing YINUO Busway Co., Ltd.

No. 68 Yiqun Road, Yaozhuang Town, Jiashan County, Jiaxing City, Zhejiang, China 314117

Registration Number / FEI Number*:

* Firm Establishment Identifier (FEI) should be used for identification of entities within the products message set

Status: **Active**

Date of Registration Status: **2020**

Owner/Operator

Jiaxing YINUO Busway Co., Ltd.

No. 68 Yiqun Road, Yaozhuang Town, Jiashan County, Jiaxing City, Zhejiang, China 314117

Owner/Operator Number: 10062864

Official Correspondent

Contact Name: Fenghua Pang General Manager

No. 68 Yiqun Road, Yaozhuang Town, Jiashan County, Jiaxing City, Zhejiang, China 314117

Tel: +86- 573 842-1117

U.S. Agent

Contact Name: Grace Liu

Address: 839 FM 1489 Road, Brookshire, Texas 77423 U.S.A

Phone: (281) 600-8227 E-mail: grace.liu@ltlqa.com

Devices Listing Information

Proprietary Name	Product Codes	Device Class	Listing Number	Establishment Operations
Breathing Mask	LYU	1	D37****	Manufacturer

⚠ Please careful protect your Listing Number

Approved by: Reilly

Professional FDA Registration Services, by Shanghai Shifu Testing Service Co., Ltd.

More details on the website: <http://www.sft-lab.com>.

Need help? Contact us, SFT, at +86(021) 51300821 & sales@sft-lab.com

FDA CERTIFICATE NUM: **SFT20MAR024C**



Certificate of Compliance



No. OP200317F.JYB0054

Technical Construction File no. TPZJ20031322419

Certificate's
Holder:

Jiaxing Yinuo Busway Co., Ltd.
No. 68 Yiqun Road, Yaozhuang Town, Jiashan
County, Jiaxing City, Zhejiang

Certification ECM
Mark:



Product:
Model(s):
Verification to:

Breathing Mask
\
Standard:
EN 149:2001+A1:2009

related to CE Directive(s):
R 2016/425 (Personal Protective Equipment)

Remark: This document has been issued on a voluntary basis and upon request of the manufacturer. It is our opinion that the technical documentation received from the manufacturer is satisfactory for the requirements of the ECM Certification Mark. The conformity mark above can be affixed on the products according to the ECM regulation about its release and its use.

Additional information and clarification about the Marking:



The manufacturer is responsible for the CE Marking process. This document has been issued on the basis of the regulation on ECM Voluntary Mark for the certification of products. RG01 - ECM rev.3 available at: www.entecerma.it

Issuance date: 17 March 2020

Expiry date: 16 March 2025

Reviewer
Technical expert
Amanda Payne



Approver
ECM Service Director
Luca Bedonni



Ente Certificazione Macchine Srl

Via Ca' Bella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY
☎ +39 051 6705141 ☎ +39 051 6705156 ✉ info@entecerma.it 🌐 www.entecerma.it

A、 Before using it,Please perform a simple 4-step check

- 1.Make sure there are no obvious tears or holes in either side of the mask;
- 2.No damage to the ear loops and with good elasticity;
- 3.No damage or break in the stiff bendable nose clip;
- 4.If there is a breathing valve,make sure it is not damaged or broken.

B、 User Seal Check

- 1.Don the face mask and adjust so it is snug but not overly tight;
- 2.Gently breathe in so the mask collapse slightly,and hold your breath for 10 seconds;
- 3.If it remains slightly collapsed while you hold your breath, this indicates that there is no inward leakage of air and the mask is sufficiently sealed for use.

C、 Using Scope

- For adults;
- Non washable;
- It should be stored at -20°C~30°C and less than 80% humidity;
- Validity period:3 years

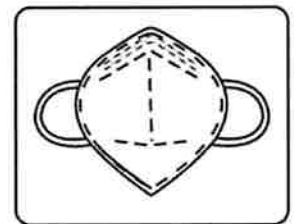
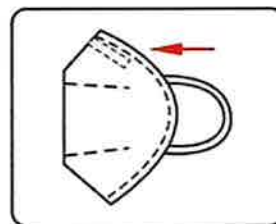
WARNING

Respirator can filter out some pollutants. Neither can it eliminate diseases nor the risk of infection.Incorrect use of masks may cause infection or death,and a few people may allergic to the material.



D、 How To Put On The Face mask

- 1.Clean your hands with soap and water or hand sanitiz before touching the mask.
- 2.Remove a mask from the box and Determine which si of the mask is the top. The side of the mask that has a stiff bendable edge is the top and is meant to mold to shape of your nose
- 3.Face Mask with Ear loops: Hold the mask by the ear loops. Place a loop around each ear.
- 4.Mold or pinch the stiff edge to the shape of your nos
- 5.Pull the bottom of the mask over your mouth and chi



Producer: Jiaying Yinu Busway Co., Ltd
Address : No.68 Yiqun Road,Yaozhuang Town,
Jiashan County,Jiaying City,Zhejiang,Chin
E - mail : jxynkz-service@163.com
Zip Code: 314100



MEMORIA JUSTIFICATIVA PARA LA ADQUISICION CENTRALIZADA DE MATERIAL DE PROTECCIÓN, MASCARILLAS, PARA EL PABELLÓN 10 DEL IFEMA DEL SERVICIO MADRILEÑO DE SALUD.

Con motivo del seguimiento de la situación y evolución del CORONAVIRUS (COVID-19) y en cumplimiento de las recomendaciones de la Organización Mundial de la Salud y el Ministerio de Sanidad, ante la emergencia de salud pública causada por este patógeno, la Consejería de Sanidad de la Comunidad de Madrid está adoptando las medidas de prevención y contención necesarias para la vigilancia y control en materia de salud pública.

Ante la situación epidemiológica actual en la Comunidad de Madrid, con el fin de garantizar la protección de pacientes y profesionales sanitarios, el Servicio Madrileño de Salud, por razón de emergencia sanitaria, requiere hacer una compra centralizada, así como la gestión del suministro de material de protección, mascarillas, para el pabellón 10 de IFEMA del Servicio Madrileño de Salud.

A los efectos previstos, el artículo 120 de la Ley 9/2017 de Contratos del Sector Público, por la que se trasponen al ordenamiento jurídico español las Directivas del Parlamento Europeo y del Consejo 2014/23/UE y 2014/24/UE, de 26 de febrero de 2014, establece que:

"1. Cuando la Administración tenga que actuar de manera inmediata a causa de acontecimientos catastróficos, de situaciones que supongan grave peligro o de necesidades que afecten a la defensa nacional, se estará al siguiente régimen excepcional:

a) El órgano de contratación, sin obligación de tramitar expediente de contratación, podrá ordenar la ejecución de lo necesario para remediar el acontecimiento producido o satisfacer la necesidad sobrevenida, a contratar libremente su objeto, en todo o en su parte, sin sujetarse a los requisitos formales establecidos en la presente Ley, incluso el de la existencia de crédito suficiente. En caso de que no exista crédito adecuado y suficiente, una vez adoptado el acuerdo, se procederá a su dotación de conformidad con lo establecido en la Ley General Presupuestaria".

c) El plazo de inicio de la ejecución de las prestaciones no podrá ser superior a un mes, contado desde la adopción del acuerdo previsto en la letra a). Si se excediese este plazo, la contratación de dichas prestaciones requerirá la tramitación de un procedimiento ordinario.

d) Ejecutadas las actuaciones objeto de este régimen excepcional, se observará lo dispuesto en esta Ley sobre cumplimiento de los contratos, recepción y liquidación de la prestación.

En el supuesto de que el libramiento de los fondos necesarios se hubiera realizado a justificar, transcurrido el plazo establecido en la letra c) anterior, se rendirá la cuenta justificativa del mismo, con reintegro de los fondos no invertidos."

Por otro lado, el Decreto 308/2019, de 26 de noviembre, del Consejo de Gobierno, por el que se establece la estructura directiva del Servicio Madrileño de Salud, dispone que le corresponden, entre otras, la función de tramitar los expedientes de contratación administrativa del Servicio Madrileño de Salud, incluida la contratación de la prestación sanitaria con medios ajenos, así como la supervisión y control de la prestación de los servicios no sanitarios en los hospitales gestionados en régimen de





concesión y de los gestionados de forma centralizada en los hospitales de la red del Servicio Madrileño de Salud.

Por lo expuesto, ante la situación actual en España, de infección por Coronavirus – COVID-19 y con el fin de garantizar la seguridad, la salud de la población y el interés general, así como posibilitar una atención sanitaria adecuada a la población, se hace necesario acudir a la tramitación de emergencia prevista en el artículo 120 de la Ley 9/2017, de 8 de noviembre, de Contratos del Sector Público (LCSP) para la adquisición de material de protección, mascarillas, para el pabellón 10 de IFEMA del Servicio Madrileño de Salud. siendo éste el único supuesto en el que la LCSP permite iniciar la contratación sin sujetarse a los requisitos formales establecidos en la misma, incluido el de existencia de crédito suficiente.

El volumen a adquirir del producto asciende a la cantidad de 1.512.500,00 € a la empresa PRIVIET SPORTIVE S.L, con CIF.: B80714439 , según se detalla:

DESCRIPCION MATERIAL	REF MATERIAL	CANTIDAD	UNIDAD	PRECIO	%IVA	IMPORTE	IVA	IMPORTE TOTAL	APLICACIÓN ECONÓMICA	FECHA ENTREGA
MASCARILLA FFP2-3	100084	250.000	UN	5,00	21	1.250.000,00	262.500,00	1.512.500,00	G/312A/27004	10-abr
TOTAL PEDIDO						1.250.000,00	262.500,00	1.512.500,00		

A esta memoria se anexará la conformidad prestada por la Dirección General de Procesos Integrados de Salud, donde vienen reflejadas las cantidades e importes consignados.

EL DIRECTOR GENERAL DEL PROCESOS INTEGRADOS DE SALUD

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Organización: COMUNIDAD DE MADRID
Fecha: 2020.04.01 15:57:18 CEST
Huella dig.: 231f3a22e415841e56f661d4eb26f6e1f362b042



ANEXO ADJUNTO A LA MEMORIA DE ADQUISICION CENTRALIZADA DE MATERIAL DE PROTECCIÓN, MASCARILLAS, PARA EL PABELLÓN 10 DEL IFEMA DEL SERVICIO MADRILEÑO DE SALUD.

Desde esta Dirección General indicamos nuestra conformidad a la oferta presentada por la empresa PRIVIET SPORTIVE S.L., con C.I.F.: B80714439, con domicilio social en la Calle Casiopea nº 15, 28023 Madrid, para la adquisición de Material de protección, mascarillas, para el pabellón 10 del IFEMA de Madrid.

DESCRIPCION MATERIAL	REF MATERIAL	CANTIDAD	UNIDAD	PRECIO	%IVA	IMPORTE	IVA	IMPORTE TOTAL	APLICACIÓN ECONÓMICA	FECHA ENTREGA
MASCARILLA FPP2-3	100084	250.000	UN	5,00	21	1.250.000,00	262.500,00	1.512.500,00	G/312A/27004	10-abr
TOTAL PEDIDO						1.250.000,00	262.500,00	1.512.500,00		

- **Plazo de entrega máximo:** El indicado en la tabla.

No obstante, y dada la falta de datos para estimar con precisión la evolución de la demanda, en el caso en que ésta superarse la estimación inicial sería preciso redimensionar los recursos con el consiguiente reajuste de importe final.

Lo que comunico a los efectos oportunos

EL DIRECTOR GENERAL DEL
PROCESOS INTEGRADOS DE SALUD

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Huella dig.: 01facbccdbaa245de67c44435216534d8ac55762

Expediente: A/SUM-011335/2020

Resolución de la Viceconsejera de Asistencia Sanitaria, por la que se declara la emergencia en la tramitación del expediente denominado **MATERIAL DE PROTECCIÓN, MASCARILLAS, PARA EL PABELLÓN 10 DE IFEMA**, y se ordena la ejecución de las actuaciones para hacer frente a la situación sobrevenida.

Vista la memoria justificativa emitida por la Dirección General de Procesos Integrados de Salud, de fecha 24 de marzo de 2020, y anexo a la misma, y ante la situación actual en España de infección por Coronavirus – COVID-19, en cumplimiento de las recomendaciones de la Organización Mundial de la Salud y el Ministerio de Sanidad y la situación epidemiológica actual de la Comunidad, a fin de garantizar la protección de pacientes y profesionales sanitarios desde el Servicio Madrileño de Salud, se hace necesario acudir a la tramitación de emergencia prevista en el artículo 120 de la Ley 9/2017, de 8 de noviembre, de Contratos del Sector Público, para la adquisición centralizada de equipos de protección individual.

Con fecha 24 de marzo de 2020, por parte de la Dirección General de Proceso Integrado de Salud, se ha dado conformidad a la oferta presentada por la entidad PRIVIET SPORTIVE S.L., para la adquisición y por el importe de los productos que seguido se relacionan:

Empresa: PRIVIET SPORTIVE S.L. (C.I.F.: B80714439)

DESCRIPCION MATERIAL	REF MATERIAL	CANTIDAD	UNIDAD	PRECIO	%IVA	IMPORTE	IVA	IMPORTE TOTAL	APLICACIÓN ECONÓMICA	FECHA ENTREGA
MASCARILLA FPP2-3	100084	250.000	UN	5,00	21	1.250.000,00	262.500,00	1.512.500,00	G/312A/27004	10-abr
TOTAL PEDIDO						1.250.000,00	262.500,00	1.512.500,00		

Por lo expuesto, de conformidad con lo que establecen el artículo 120 de la Ley 9/2017, de 8 de noviembre, de Contratos del Sector Público, y en uso de las atribuciones que me han sido conferidas por las disposiciones vigentes, artículo 1 del Decreto 308/2019, de 26 de noviembre, del Consejo de Gobierno, por el que se establece la estructura directiva del Servicio Madrileño de Salud, el artículo 6.2 del Decreto 24/2008, de 3 de abril, del Consejo de Gobierno, por el que se establece el régimen jurídico y de funcionamiento del Servicio Madrileño de Salud y el artículo 3.4 del Decreto 49/2003, de 3 de abril, por el que se aprueba el Reglamento General de Contratación Pública de la Comunidad de Madrid, esta Viceconsejería de Asistencia Sanitaria,

RESUELVO

1. **Declarar la Emergencia en la tramitación** del expediente de contratación, conforme al artículo 120 de la Ley 9/2017, de 8 de noviembre, de Contratos del Sector Público, para la adquisición centralizada de **MATERIAL DE PROTECCIÓN, MASCARILLAS**, para el pabellón 10 de IFEMA.



Servicios Centrales
Consejería de Sanidad

Comunidad de Madrid

RESOLUCIÓN

Registro:

Unidad administrativa:
Subdirección General de Contratación
del Servicio Madrileño de Salud

Expediente: A/SUM-011335/2020

2. **Ordenar la ejecución** de las actuaciones necesarias para proceder a garantizar la protección de pacientes y profesionales sanitarios de los centros hospitalarios dependientes del Servicio Madrileño de Salud, de acuerdo con la siguiente imputación presupuestaria:

RAZÓN SOCIAL	CIF	IMP. PRES.	IMPORTE TOTAL (IVA Incluido)
PRIVIET SPORTIVE S.L.	B80714439	G/312A/27004	1.512.500,00

LA VICECONSEJERA DE ASISTENCIA SANITARIA

- 1 ABR 2020

Ana Dávila-Ponce de León Municio



Servicios Centrales
Consejería de Sanidad

Comunidad de Madrid

RESOLUCIÓN

Registro:

Unidad administrativa:
Subdirección General de Contratación
del Servicio Madrileño de Salud

Expediente: A/SUM-011335/2020

Resolución de la Viceconsejería de Asistencia Sanitaria, por la que se procede a la corrección de error material, de la Resolución por la que se declara la emergencia en la tramitación y se ordena la ejecución de las actuaciones para hacer frente a la situación sobrevenida a causa del virus COVID-19, de la empresa PRIVIET SPORTIVE S.L. (C.I.F.: B80714439), para la adquisición de material de protección, mascarillas, para el pabellón 10 de Ifema.

Detectado un error material de transcripción en la fecha de conformidad a la oferta presentada por la entidad PRIVIET SPORTIVE S.L., segundo párrafo del cuerpo de la Resolución de la Viceconsejería de Asistencia Sanitaria, de fecha 1 de abril de 2020, por la que se declara la emergencia en la tramitación del expediente denominado material de protección, mascarillas, para el pabellón 10 de Ifema, y se ordena la ejecución de las actuaciones para hacer frente a la situación sobrevenida a causa del virus COVID-19.

De conformidad con lo establecido en el artículo 109 de la Ley 39/2015, de 1 de octubre, del Procedimiento Administrativo Común de las Administraciones Públicas y en uso de las atribuciones que me han sido conferidas por las disposiciones vigentes, artículo 1 del Decreto 308/2019, de 26 de noviembre, del Consejo de Gobierno, por el que se establece la estructura directiva del Servicio Madrileño de Salud, el artículo 6.2 del Decreto 24/2008, de 3 de abril, del Consejo de Gobierno, por el que se establece el régimen jurídico y de funcionamiento del Servicio Madrileño de Salud y el artículo 3.4 del Decreto 49/2003, de 3 de abril, por el que se aprueba el Reglamento General de Contratación Pública de la Comunidad de Madrid, esta Viceconsejería de Asistencia Sanitaria,

RESUELVE

Rectificar el error material detectado en segundo párrafo del cuerpo de la Resolución de la Viceconsejería de Asistencia Sanitaria, de fecha 1 de abril de 2020, por la que se declara la emergencia en la tramitación del expediente denominado, material de protección, mascarillas, para el pabellón 10 de Ifema, y se ordena la ejecución de las actuaciones para hacer frente a la situación sobrevenida a causa del virus COVID-19, en los siguientes términos,

- **Donde dice:**
Con fecha 24 de marzo de 2020, por parte de la Dirección General de Proceso Integrado de Salud, se ha dado conformidad a la oferta presentada por la entidad PRIVIET SPORTIVE S.L., para la adquisición y por el importe de los productos que seguido se relacionan: ...
- **Debe decir:**
Con fecha 1 de abril de 2020, por parte de la Dirección General de Proceso Integrado de Salud, se ha dado conformidad a la oferta presentada por la entidad PRIVIET SPORTIVE S.L., para la adquisición y por el importe de los productos que seguido se relacionan: ...

LA VICECONSEJERA DE ASISTENCIA SANITARIA

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PRIVIET SPORTIVE S.L

CIF: B80714439

Calle Casiopea nº 15

28023 - MADRID

Ante la situación actual en España, de infección por Coronavirus – COVID-19 y con el fin de garantizar la seguridad, la salud de la población y el interés general, así como posibilitar una atención sanitaria adecuada a la población, se ha hecho necesario acudir a la tramitación de emergencia, prevista en el artículo 120 de la Ley 9/2017, de 8 de noviembre, de Contratos del Sector Público, para contratar la ADQUISICION CENTRALIZADA DE MATERIAL DE PROTECCIÓN, MASCARILLAS, PARA EL PABELLÓN 10 DEL IFEMA DEL SERVICIO MADRILEÑO DE SALUD.

De acuerdo con la Resolución de la Viceconsejera de Asistencia Sanitaria del Servicio Madrileño de Salud, se precisa con carácter de urgencia, procedan al suministro de los artículos y con las especificaciones que seguido se relacionan:

DESCRIPCION MATERIAL	REF MATERIAL	CANTIDAD	UNIDAD	PRECIO	%IVA	IMPORTE	IVA	IMPORTE TOTAL	APLICACIÓN ECONÓMICA	FECHA ENTREGA
MASCARILLA FFP2-3	100084	250.000	UN	5,00	21	1.250.000,00	262.500,00	1.512.500,00	G/312A/27004	10-abr
TOTAL PEDIDO						1.250.000,00	262.500,00	1.512.500,00		

- Lugar de entrega: PABELLÓN 10 DEL IFEMA.

**EL DIRECTOR GENERAL DE
PROCESO INTEGRADO DE SALUD**

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Huella dig : f921cac6cd2fb3de0db2c03717c4acb87693b633



Comunidad de Madrid

RC RETENCIÓN DE CRÉDITO

Nº EXP.CONTABLE: RC/2020/0000170766

EJERCICIO: 2020	AGRUP.CONT: Corriente	TIPO: R0 Retención de Crédito
EXP. AGRUPADOR Nº: A/SUM-011335/2020	Nº POSICIONES: 001	
Nº EXP.CONTABLE REF.:	C.PRESUP.: 1017 SERMAS	Nº DOCUMENTO: 1000657985

APLICACIÓN PRESUPUESTARIA

SECCIÓN: 17. SANIDAD		
CENTRO GESTOR: 171188100 SERVICIOS CENTRALES SERMAS		
C.FUNCIONAL: 312A	PROY.GASTO: 2020/000164	FONDO:
C.ECONOMICA: 27004 MATERIAL QUIRÚRGICO,ASISTENCIAL Y DE CURAS		IMPORTE TOTAL: 1.512.500,00

TEXTO ABREVIADO:
EMERG-IFEMA-MASCARILLAS-PRIVET SPORTIVE

MOTIVO DE LA RETENCION:

Mascarillas ffp2 y ffp3

CONTABILIZADO



Intervención General
Consejería de Hacienda y Función Pública

Comunidad de Madrid

**INTERVENCIÓN DELEGADA
EN LA CONSEJERÍA DE SANIDAD**

**ANEXO II
DILIGENCIA DE TOMA DE RAZÓN EN CONTABILIDAD**

DOCUMENTO CONTABLE Nº: RC/2020/0000170766

DILIGENCIA PARA HACER CONSTAR que el documento contable de referencia ha sido objeto de toma de razón en contabilidad en el sistema NEXUS ECCL, no figurando incorporada la firma manuscrita del Interventor que suscribe como consecuencia de su tramitación exclusivamente electrónica de conformidad con las Instrucciones de la Interventora General para el ejercicio de la función interventora en la modalidad de teletrabajo mientras se encuentren vigentes medidas excepcionales como consecuencia de la situación y evolución del coronavirus (COVID-19).

EL INTERVENTOR DELEGADO JEFE

MIGUEL	Firmado
ANGEL	digitalmente por
ADAN	MIGUEL ANGEL
PANTOJA -	ADAN PANTOJA -
33502698R	33502698R
	Fecha: 2020.05.11
	11:20:11 +02'00'



Comunidad de Madrid

FABIO PASCUA MATEO, SECRETARIO GENERAL DEL CONSEJO DE GOBIERNO.

CERTIFICA:

Que el Consejo de Gobierno, en su sesión de veinte de mayo de dos mil veinte, a propuesta del Consejero de Sanidad, y según se desprende del Acta provisional correspondiente a la misma queda enterado del siguiente informe:

“Informe por el que se da cuenta al Consejo de Gobierno de las resoluciones por las que se ordena la tramitación y ejecución, con carácter de emergencia, de la contratación de los suministros correspondientes a la adquisición de equipos de protección individual (EPIs) y material sanitario para el hospital de campaña de la Institución Ferial de Madrid (IFEMA), como consecuencia de la situación creada por el COVID-19, por un importe total estimado de 4.289.950,72 euros (IVA incluido).”

Lo que se certifica a los efectos oportunos, en Madrid a veinte de mayo de dos mil veinte.

Firmado digitalmente por FABIO ANTONIO PASCUA MATEO
Organización: COMUNIDAD DE MADRID
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✉ Avd. de la Industria, 38 Nave C-19
28823 Coslada - Madrid (España/Spain)
☎ 91 408 19 08
91 406 01 18
Fax 91 407 79 97



DIRECCION RECOGIDA
IBERIA -AEROPUERTO BARAJAS

DIRECCION ENTREGA
SERVICIO MADRILEÑO DE SALUD (CQ2801221I) IFEMA- PABELLON 10 AVDA DEL PARTENON 5 28042 MADRID CTC: Manuel Carmona / Javier López

FECHA
20/04/2020

BULTOS
68

CONTENIDO
68.000 Mascarillas FFP2/KN95 EN149:2001

KGS
659

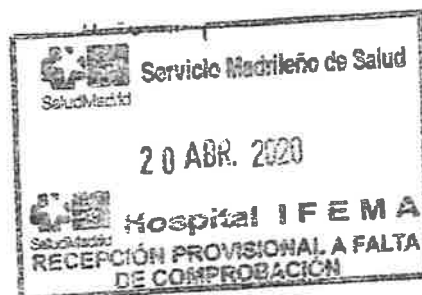
VOL.
9,24M3

AWB - B/L
112-59010630

OBSERVACIONES
20200181 P/C PRIVIET SPORTIVE S.L.

RECIBI,

Sociedad inscrita en el Registro de Madrid, Tomo 4.604, General 3.790 de la Sección 3.ª del Libro de Sociedades, Folio 144 - Hoja n.º 36.449, Inscripción 1.ª C. N. J. E. A. 28 - 476455



PACKING LIST

1. Shipper/Exporter	8. No. & date of PACKING LIST
PRIVET SPORTIVE, S.L.	PR11MASC2
AVD. PEDRO DIEZ 25, 3ero izq	abril 20 2020
MADRID - 28019	
SPAIN	
2. FACTURACION	9. No. & date of LC
SERMAS	AWB : 112 59010630
SERVICIO MADRILEÑO DE SALUD (Q28012211)	10.
Plaza Carlos Trías Beltran, 7	
28020 MADRID	
3. ENTREGA	11. Remarks
IFEMA - PABELLON 10	
Avda. Partenón, 5	
28042 Madrid	
Preguntar por Manuel Cammona / Javier López	
4. Port of loading	5. Final destination
	MADRID/SPAIN
6. Vessel / Flight	7. Shipment date
12. MARK	13. Description of goods
	14. BULTOS
	Medidas
	15. Contenido por bulto
	16. Contenido por caja
	peq

MASCARILLAS FFP2/KN95

68 cajas 72,5 x 32,5 x 60

20 cajas pequeñas 50 mascarilla por bulto

Detalle según Anexo

TOTAL
ENTREGADO POR
UNIDADES

68.000 UNIDADES DE
MASCARILLA
FFP2/KN95

18. FIRMA Y SELLO
DE QUIÉN
RECEPCIONA LA
MERCANCÍA



Anexo I

Servicio Madrileño de Salud

Hospital I F E M A

RECIBO PROVISIONAL A FALTA DE COMPROBACIÓN

20 ABR. 2020

[illegible]

1.000
1.000
Servicio Madrileño de Salud
1.000
1.000
20 Abr 2020
1.000
1.000
Hospital IFEMA
RECUPERACIÓN PERSONAL A FALTA
DE COHABITACIÓN
68.000



transitarios

☑ Avd. de la Industria, 38 Nave C-19
28823 Coslada - Madrid (España/Spain)
☎ 91 408 19 08
91 406 01 18
Fax 91 407 79 97



DIRECCION RECOGIDA
IBERIA -AEROPUERTO BARAJAS

DIRECCION ENTREGA
SERVICIO MADRILEÑO DE SALUD (CQ2801221) IFEMA- PABELLON 10 AVDA DEL PARTENON 5 28042 MADRID CTC: Manuel Carmona / Javier López

FECHA
17/04/2020

BULTOS
182

CONTENIDO
182.000 Mascarillas FFP2/KN95 EN149:2001

KGS
1653

VOL.
26,87M3

AWB - B/L
112-59010630

OBSERVACIONES
20200175 P/C PRIVIET SPORTIVE S.L.

RECIBI,

Sociedad inscrita en el Registro de Madrid, Tomo 4.604, General 3.790 de la Sección 3.ª del Libro de Sociedades, Folio 144 - Hoja n.º 36.449, Inscripción 1.ª C. N. J. E. A. 28 - 476455



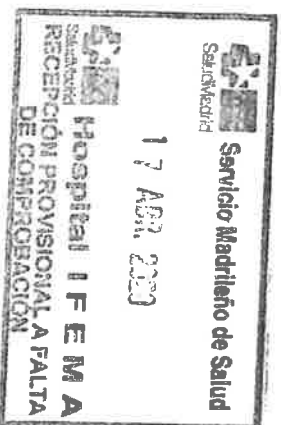
PACKING LIST

1. Shipper/Exporter PRIVET SPORTIVE, S.L AVD. PEDRO DIEZ 25, 3ero izq MADRID - 28019 SPAIN		8. No. & date of PACKING LIST PR11MASC abril 17 2020	
2. FACTURACION SERIMAS SERVICIO MADRILEÑO DE SALUD (Q28012211) Plaza Carlos Trias Beltran, 7 28020 MADRID		9. No. & date of L/C AWB : 112 59010630 10.	
3. ENTREGA IFEMA - PABELLON 10 Avda. Partenón, 5 28042 Madrid Preguntar por Manuel Camrora / Javier López		11. Remarks	
4. Port of loading		5. Final destination	
6. Vessel / Flight		MADRID/SPAIN	
7. Shipment date			
12. MARK		13. Description of goods	
MASCARILLAS FFP2/KN95		14. BULTOS Medidas	
		15. Contenido por bulto 16. Contenido por caja peq	
		182 cajas 72,5 x 32,5 x 60 20 cajas pequeñas 50 mascarilla por bulto	
		Detalle según Anexo	

TOTAL
ENTREGADO POR
UNIDADES

182.000 UNIDADES DE
MASCARILLA
FFP2/KN95

18. FIRMA Y SELLO
DE QUIÉN
RECEPCIONA LA
MERCANCÍA



DATOS DE FACTURA

Nº Serie: Emit-
Fecha Factura: 21-abr-20

Nº Factura: 1
Nº Contrato / Cód.

PROVEEDOR

PRIVET SPORTIVE S.L
CIF: B80714439
Calle Casiopea nº 15
28023 MADRID MADRID
IBAN: ES0420381053946000992549

CLIENTE

SERVICIO MADRILEÑO DE SALUD
CIF: Q28012211
Plaza Carlos Trias Beltran, 7
28020 MADRID MADRID
Tel.

RESUMEN DE FACTURA - EUR

DESCUENTOS	IMPUESTOS			TOTAL FACTURA
IMPORTE	BASE IMPONIBLE	TIPO	IMPORTE	
0	1.250.000,00	01 21,00	262.500	1.512.500,00

DESCRIPCION	CANTIDAD	PRECIO UNIDAD	IMPORTE	TIPO	PEDIDO	NOTA ENTREGA
MASCARILLA FPP2-3	250.000	5,00	1.250.000,00	21,00		PRI1MASC

FACTURA NÚMERO 1

VOLVER AL LOTE

DATOS EMISOR

Ocultar

RAZÓN SOCIAL: PRIVIET SPORTIVE S.L
 TIPO PERSONA: Jurídica
 DIRECCIÓN: Calle Casiopea nº 15
 28023 MADRID
 MADRID
 ESP

NIF/CIF: B80714439
 TIPO RESIDENCIA: Residente
 NOMBRE COMERCIAL: PRIVIET SPORTIVE S.L

DATOS REGISTRALES:

Libro: 0

Sección: 8

DATOS DE CONTACTO:

Teléfono: 914765314

Personas contacto: Inma Pujol

Registro mercantil: MADRID
 Tomo: 7765

Fax:
 CnoCnae:

Hoja: M-125504
 Otros:

Web:
 Código INE:

Folio: 218

Email: logistica@priviet.es
 Otros:

DATOS RECEPTOR

Ocultar

RAZÓN SOCIAL: SERVICIO MADRILEÑO DE SALUD
 TIPO PERSONA: Jurídica
 DIRECCIÓN: Plaza Carlos Trias Beltran, 7
 28020 MADRID
 MADRID
 ESP

NIF/CIF: Q28012211
 TIPO RESIDENCIA: Residente
 NOMBRE COMERCIAL: SERMAS

CENTROS

Número	Tipo rol	Nombre	Dirección	Datos de contacto	GLN Físico	Pto op. lógico	Descripción
A13003096	Receptor	A13003096	Plaza Carlos Trias Beltran, 7 28020 MADRID MADRID ESP				Servicio Madrileño De Salud (sermas)
GE0016401	Pagador	GE0016401	Plaza Carlos Trias Beltran, 7 28020 MADRID MADRID ESP				Ugeg Dirección Y Serv Gen Servicio Madrileño De Salud
A13029032	Fiscal	A13029032	Plaza Carlos Trias Beltran, 7 28020 MADRID MADRID ESP				Intervención General De La Comunidad De Madrid

RESUMEN FACTURA

NUMERO	SERIE	TIPO	CLASE	LENGUA
1	Emil-	Factura Completa	Original	Español
FECHA OPER.	FECHA EXPED.	LUGAR EXPED.	PERIODO FACT.	
21-04-2020	21-04-2020	-	-	
MONEDA OPERACION		MONEDA IMPUESTO		
EUR		EUR		

DETALLES

DESCRIPCION	FECHA OPER.	CANTIDAD	IMP. UNITARIO	TOTAL
MASCARILLA FPP2-3		250.000,00	5,000000	1250000,000000

IMPORTE

IMPORTE BRUTO	1.250.000,00
TOTAL IMPORTE BRUTO ANTES IMPUESTOS	1.250.000,00

IMPUESTOS REPERCUTIDOS

CLASE DE IMPUESTO	TIPO (%)	BASE IMPONIBLE	CUOTA	RECARGO EQUIV. (%)	CUOTA RECARGO EQUIV.
IVA	21,00	1.250.000,00	262.500,00	-	-

TOTAL IMPUESTOS REPERCUTIDOS 262.500,00

TOTAL FACTURA 1.512.500,00

TOTAL A PAGAR 1.512.500,00

TOTAL A EJECUTAR 1.512.500,00

DATOS DE PAGO

FECHA VENC.	IMPORTE	FORMA DE PAGO	CUENTA	REFERENCIA	REFERENCIA DÉBITO	COD. ESTADÍSTICO	OBSERVACIONES

22-04-2020	1 512.500,00	Transferencia	IBAN: ES0420381053946000992549				
			SWIFT:				

DATOS ADICIONALES

DOCUMENTOS RELACIONADOS

COMPRESIÓN	FORMATO	ENCODING	DESCRIPCIÓN	DATOS
NONE	pdf	BASE64	packinglist primera entrega	[...]

MASCARILLA FPP2-3[VOLVER A LA FACTURA](#)

NUMERO DE SECUENCIA	CANTIDAD	UNIDAD DE MEDIDA
-	250.000,00	Unidades
CODIGO ARTICULO	PERIODO DETALLE	FECHA OPERACION
100084	-	-
REFERENCIA EXPEDIENTE	FECHA EXPEDIENTE	
A/SUM-011335/2020	-	

ALBARANES

Nº ALBARAN	FECHA ALBARAN
PRI1MASC	15-04-2020
PRI1MASC2	20-04-2020

IMPORTEPRECIO UNITARIO SIN IMPUESTOS **5,000000**COSTE TOTAL **1250000,000000**IMPORTE BRUTO **1250000,000000****IMPUESTOS REPERCUTIDOS**

CLASE DE IMPUESTO	TIPO (%)	BASE IMPONIBLE	CUOTA	RECARGO EQUIV. (%)	CUOTA RECARGO EQUIV.
IVA	21,00	1.250.000,00	262.500,00	-	-



Servicio Madrileño de Salud
CONSEJERÍA DE SANIDAD

Don Manuel Ángel de la Puente Andrés, en su condición de Director General del Proceso Integrado de Salud CERTIFICA que el suministro/ servicio identificado en la factura:

Nombre Acreedor	Referencia e-Reg	Número factura	Total
PRIVIET SPORTIVE S.L.	45/042222.9/20	1	1.512.500,00
Total general			1.512.500,00

ha sido recibido o prestado de conformidad a lo solicitado.

Lo que se firma, para que se proceda a la realización de los trámites necesarios para su pago al proveedor.

Madrid, 29 de abril de 2020

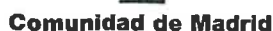
El Director General del Proceso Integrado de Salud

Firmado digitalmente por MANUEL ÁNGEL DE LA PUENTE ANDRÉS
Organización: COMUNIDAD DE MADRID
Fecha: 2020.04.29 15:46:07 CEST
Huella dig.: 3a268fec27b8a46eeebb48123ce19d9b56e0fccf

Nota: Se adjunta factura y albaranes correspondientes.



La autenticidad de este documento se puede comprobar en www.madrid.org/csv mediante el siguiente código seguro de verificación: 1222255324811550575459



Nº EXP. CONTABLE: ADOK_RF/2020/0000233076

EJERCICIO: 2020	AGRUP. CONT.: Corriente	TIPO: 01 ADOK (RC)
EXP. AGRUPADOR N°: A/SUM-011335/2020	N° POSICIONES: 001	N° ORDEN: 6001054601
N° EXP. CONTABLE REF.: RC/2020/0000170766	C. PRESUP.: 1017 SERMAS	

SECCIÓN: 17 SANIDAD			
CENTRO GESTOR: 171188100 SERVICIOS CENTRALES SERMAS			Nº DOCUMENTO FI: 6000377554
C. FUNCIONAL: 312A	PROY.GASTO: 2020/000164	FONDO:	CENTRO COSTE: 00CAJIFE09
C.ECONOMICA: 27004 MATERIAL QUIRÚRGICO,ASISTENCIAL Y	CTA PGCP: 6010000001		IMPORTE 1.512.500,00

TIPO RETENCIÓN	DESCRIP.	INDICADOR RET.	DESCRIP.	IMPORTE
				IMPORTE IVA DEDUC.:
				0,00
				INVERSIÓN SUJETO PASIVO:
				0,00
				TOTAL RETENCIONES Y DESCUENTOS
				0,00
				TOTAL LIQUIDO
				1.512.500,00

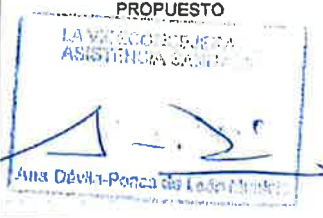
NOMBRE: PRIVIET SPORTIVE SL	NIF: B80714439	Nº ACREEDOR: 2000189693
VIA DE PAGO: Transferencia	IBAN: ES0420381053946000992549	

Nº SERIE: Emit.	Nº FACTURA: 1	REFERENCIA: 2020-2000383503
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NOMBRE:	NIF:	Nº ACREEDOR:
VIA DE PAGO:	IBAN:	Nº DE REGISTRO:

TEXTO ABREVIADO: 8100 - SUM. MATERIAL SANITARIO-COVID-19

DESCRIPCIÓN DEL GASTO:
SUMINISTRO DE MATERIAL SANITARIO-COVID-19
1 FRA.

PROPUESTO	INTERVENIDO	APROBADO	CONTABILIZADO
 LA VICERRECTORÍA DE ASISTENCIA SOCIAL ANA DÁVILA-PONCE DE LEÓN	EL/LA INTERVENTOR/A		

ANEXO I

DILIGENCIA DE FISCALIZACIÓN

DOCUMENTO CONTABLE Nº: ADOK_RF/2020/0000233076

DILIGENCIA PARA HACER CONSTAR que el documento contable de referencia ha sido fiscalizado FAVORABLEMENTE en el sistema NEXUS ECCL, no figurando incorporada la firma manuscrita del Interventor que suscribe como consecuencia de su tramitación exclusivamente electrónica de conformidad con las Instrucciones de la Interventora General para el ejercicio de la función interventora en la modalidad de teletrabajo mientras se encuentren vigentes medidas excepcionales como consecuencia de la situación y evolución del coronavirus (COVID-19).

Si bien, de conformidad con lo establecido en el artículo 15.4 del Decreto 45/1997, de 20 de marzo, por el que se desarrolla el Régimen de Control Interno y Contable ejercido por la Intervención General de la Comunidad de Madrid, con el carácter de **OBSERVACIÓN**, se indica

Es necesario se incorpore en su momento Certificado de haber dado cuenta al Consejo de Gobierno del acuerdo adoptado (documento RC), como se establece en la Instrucción 6ª de la Circular 1/1998, de 26 de enero, de la Intervención General de la Comunidad de Madrid, por la que se dictan instrucciones sobre el ejercicio de la función fiscalizadora.

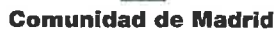
EL INTERVENTOR ADJUNTO

Firmado digitalmente por: GIL SANTOS JUAN JESUS
Fecha: 2020.06.04 13:19

SERVICIOS CENTRALES SERMAS



La autenticidad de este documento se puede comprobar en www.madrid.org/csv mediante el siguiente código seguro de verificación: 1202801193890826168127



Nº EXP. CONTABLE: ADOK_RF/2020/0000233076

EJERCICIO: 2020	AGRUP. CONT.: Corriente	TIPO: O1 ADOK (RC)
EXP. AGRUPADOR N°: A/SUM-011335/2020	N° POSICIONES: 001	N° ORDEN: 6001054601
N° EXP. CONTABLE REF.: RC/2020/0000170766	C. PRESUP.: 1017 SERMAS	

SECCIÓN: 17 SANIDAD		
CENTRO GESTOR: 171188100 SERVICIOS CENTRALES SERMAS		Nº DOCUMENTO FI: 6000377554
C. FUNCIONAL: 312A	PROY.GASTO: 2020/000164	FONDO:
C.ECONOMICA: 27004 MATERIAL QUIRÚRGICO,ASISTENCIAL Y	CTA PGCP: 6010000001	CENTRO COSTE: 00CAJIFE09
		IMPORTE 1.512.500,00

TIPO RETENCIÓN DESCRIP.	INDICADOR RET. DESCRIP.	IMPORTE
		IMPORTE IVA DEDUC.: 0,00
		INVERSIÓN SUJETO PASIVO: 0,00
		TOTAL RETENCIONES Y DESCUENTOS 0,00
		TOTAL LIQUIDO 1.512.500,00

NOMBRE: PRIVIET SPORTIVE SL	NIF: B80714439	Nº ACREEDOR: 2000189693
VIA DE PAGO: Transferencia	IBAN: ES0420381053946000992549	

Nº SERIE: Emit-	Nº FACTURA: 1	REFERENCIA: 2020-2000383503
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NOMBRE:	NIF:	Nº ACREEDOR:
VIA DE PAGO:	IBAN:	Nº DE REGISTRO:

TEXTO ABREVIADO: 8100 - SUM. MATERIAL SANITARIO-COVID-19

DESCRIPCIÓN DEL GASTO:
SUMINISTRO DE MATERIAL SANITARIO-COVID-19
1 FRA.

PROPUESTA 27 MAY 2021 LA VICECONSEJERA DE ASISTENCIA SANITARIA <i>[Signature]</i> Ana Dávila-Ponce de León Múrcio	INTERVENIDO EL/LA INTERVENTOR/A <i>Fundado por la ingeniera</i>	APROBADO LA VICECONSEJERA DE ASISTENCIA SANITARIA <i>[Signature]</i> Ana Dávila-Ponce de León Múrcio	CONTABILIZADO
---	--	--	----------------------

ANEXO II
DILIGENCIA DE TOMA DE RAZÓN EN CONTABILIDAD

DOCUMENTO CONTABLE Nº: ADOK_RF/2020/0000233076

DILIGENCIA PARA HACER CONSTAR que el documento contable de referencia ha sido objeto de toma de razón en contabilidad en el sistema NEXUS ECCL, no figurando incorporada la firma manuscrita del Interventor que suscribe como consecuencia de su tramitación exclusivamente electrónica de conformidad con las Instrucciones de la Interventora General para el ejercicio de la función interventora en la modalidad de teletrabajo mientras se encuentren vigentes medidas excepcionales como consecuencia de la situación y evolución del coronavirus (COVID-19).

EL INTERVENTOR DELEGADO JEFE