

**JINHUA CITY SHENGJIE LABOR  
PRODUCTS FACTORY  
Shankoufeng  
Chisong Town  
JINHUA CITY  
Zhejiang Province - CHINA**

**EU TYPE EXAMINATION REPORT  
PPE REGULATION 2016/425 – ANNEX V  
Respiratory protective device**

Report n°	<b>19.0200</b>
Technical referential	<b>EN 149:2001 + A1:2009</b>
Type of device	<b>PPE category III Filtering half mask to protect against particles with and without exhalation valve</b>
Classes	<b>1) FFP1 NR 2) FFP2 NR</b>
Trade mark	<b>SHENGJIE</b>
References	<b>1) SJ2268 SJ2268V 2) SJ2278 SJ2278V</b>

Fontaine, the 22/08/2019,

Report sent for the attention of Maggie ZHONG to the email addresses info@shmagic-safe.com, and Maggie-Zhong2001@vip.sina.com.

This report includes 17 pages

The PPE technical manager  
*Immaterial original*



ANAÏS JAVET VIALA  
Validation électronique

M.MEPI.79.En VC1

# Summary

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## 1.Introduction - Description of the service

This report concerns PPE category III – Filtering half mask to protect against particles with and without exhalation valve as defined in EN 149:2001 + A1:2009.

Its purpose is to assess the conformity of the PPE with the PPE REGULATION 2016/425, with a view to be placed on the European market exclusively.

The examination was conducted in accordance with purchase order on 09/01/2019 placed by SHANGHAI MAGIC DEVELOPMENT CO., LTD. for JINHUA CITY SHENGJIE LABOR PRODUCTS FACTORY.

Company: JINHUA CITY SHENGJIE LABOR PRODUCTS FACTORY - Shankoufeng - Chisong Town  
- JINHUA CITY - Zhejiang Province - CHINA

## 2.Use of the report

This report only concerns the equipment identified in clause 4 and described in clause 7.

Only an integral reproduction of this report is authorized.

The manufacturer, or his representative, commits himself not to use this report for equipment that is not strictly identical to the equipment covered by this report.

## 3.Economical operator(s)

JINHUA CITY SHENGJIE LABOR PRODUCTS FACTORY - Shankoufeng - Chisong Town - JINHUA CITY - Zhejiang Province - CHINA

## 4.Identification of the equipment

Class: FFP1 NR  
Trade mark: SHENGJIE  
References: SJ2268  
SJ2268V – Specificity: With exhalation valve

An EU type examination certificate is awarded for this equipment.

Class: FFP2 NR  
Trade mark: SHENGJIE  
References: SJ2278  
SJ2278V – Specificity: With exhalation valve

An EU type examination certificate is awarded for this equipment.

## 5.Conditions for use of the equipment

These filtering half masks are intended to be used as respiratory protective devices to protect against particles except for escape purposes.

## 6.Reference specification

The assessment of conformity with Regulation 2016/425 of 9<sup>th</sup> march 2016 "Personal Protective Equipment" was conducted taking into account the provisions of European standard EN 149:2001 + A1:2009 "Respiratory protective device – Filtering half masks to protect against particles".

## 7. Technical Documentation

### 7.1. Identification

Identification of the assessed Technical Documentation:

1. Authorized representative – Company: Feng JUNGENG - JINHUA CITY SHENGJIE LABOR PRODUCTS FACTORY
2. Commitment signature date: 21/02/2019
3. Technical Documentation reference: Not applicable

### 7.2. Photos



SJ2268 / SJ2278



SJ2268V / SJ2278V

### 7.3.Description

References: **SJ2268 / JS2268V**

Filtering half mask to protect against particles FFP1 NR without or with silicone exhalation valve, limited to single shift use only. Shell shape half mask, designed with a nose slide in aluminium, one internal foam nose pad and two self-adjusting head harnesses in elastic strap, assembled by ultrasonic welding. Filtering media made of one layer of polypropylene, covered by an inner layer of polyester and an outer layer of non-woven polypropylene.

References: **SJ2278 / JS2278V**

Filtering half mask to protect against particles FFP2 NR without or with silicone exhalation valve, limited to single shift use only. Shell shape half mask, designed with a nose slide in aluminium, one internal foam nose pad and two self-adjusting head harnesses in elastic strap, assembled by ultrasonic welding. Filtering media made of one layer of polypropylene, covered by an inner layer of polyester and an outer layer of non-woven polypropylene.

### 7.4.Description of components

Detailed description of components in the Technical Documentation.

### 7.5.CE Marking

× Notified body in charge of assessment control to article 19c) of PPE regulation (module C2 or D):

**APAVE SUDEUROPE SAS - France**

× CE mark:

**CE 0082**

× Graphic of letters C and E:

**Conform**

× Height of mark:

**5mm**

× Marking clear and permanent:

**Conform**

× Location of the marking:

**Printed on the mask**

### 7.6.Packaging

Month and year of obsolescence is indelibly and unambiguously marked on the packaging.

## 8. Correlation between the articles of PPE Regulation 2016/425 and the reference standard

The following table shows the correlation between the essential health and safety requirements of Regulation 2016/425 of 9th march 2016 "Personal Protective Equipment" and the articles of the European standard EN 149:2001 + A1:2009 "Respiratory protective device – Filtering half masks to protect against particles".

PPE Regulation 2016/425 Annex II	Clauses of the standard
1.1.1	5 ; 7.8 ; 7.9
1.1.2.1	5 ; 7.8 ; 7.9
1.1.2.2	7.8 ; 7.9
1.2.1	7.6
1.2.1.1	7.6 ; 7.7 ; 7.10 ; 7.11
1.2.1.2	7.8
1.2.1.3	7.8 ; 7.13
1.3.1	7.8 ; 7.13
1.3.2	7.8 ; 7.13 ; 7.15.2
1.4	10
2.1	7.13
2.3	7.14
2.4	9 ; 10
2.6	10
2.8	10
2.9	7.13 ; 7.18
2.12	9
3.10.1	7.6 ; 7.7 ; 7.8 ; 7.9 ; 7.12 ; 7.16 ; 7.17 ; 9 ; 10

**WARNING: Other requirements and other EU Directives maybe applicable to the products falling within the scope of this European Standard.**

## 9.Examination report

### 9.1.Preliminary remark

Filtering half masks references SJ2278 and SJ2278V have been tested to classify these masks as FFP2. Tests results are also compliant with FFP1 requirements, so same masks are also classified as FFP1 under the references SJ2268 and SJ2268V. Consequently, both FFP1 and FFP2 masks have the same composition, and tests carried out on references SJ2278 and SJ2278V validate references SJ2268 and SJ2268V.

### 9.2.Requirements

Article of the standard EN 149+A1	Content	Conformity*			Comments
		Yes	No	N-A	
<b>Art. 7</b>	<b>Requirements</b>				
Art 7.3	<b>Visual inspection</b> The visual inspection shall also include the marking and the information supplied by the manufacturer	✓			Date of tests: 18/04/2019
Art 7.4	<b>Packaging</b> 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.	✓			
Art 7.5	<b>Material</b> 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 simulated wearing treatment none of the particle filtering half masks shall have suffered mechanical failure of the facepiece or straps. Three particle filtering half masks shall be tested. When conditioned, the particle filtering half mask shall not collapse. Any material from the filter media released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer.	✓			Date of tests: 20/03/2019
Art 7.6	<b>Cleaning and disinfecting</b> 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." After cleaning and disinfecting the re-usable particle filtering half mask shall satisfy the penetration requirement of the relevant class.  - <i>Tests carried out on both filtering half masks with and without exhalation valve.</i>			✓	

\* The measurement uncertainties are not taken into account for the assessment of conformity.

Article of the standard EN 149+A1	Content	Conformity*			Comments
		Yes	No	N-A	
Art 7.7	<p><b>Practical performance</b></p> <p>The particle filtering half mask shall undergo practical performance tests under realistic conditions. These general tests serve the purpose of checking the equipment for imperfections that cannot be determined by the tests described elsewhere in this standard. Where practical performance tests show the apparatus has imperfections related to wearer's acceptance, the test houses shall provide full details of those parts of the practical performance tests which revealed these imperfections.</p> <ul style="list-style-type: none"> <li>- <i>Tests carried out on both filtering half masks with and without exhalation valve.</i></li> </ul> <p>Here are the comments of the test subjects:</p> <ul style="list-style-type: none"> <li>a) head harness comfort</li> <li>b) security of fastenings</li> <li>c) field of vision</li> <li>d) any other comments reported by the wearer on request</li> </ul>	✓			Date of tests: 18/04/2019  any imperfections determined
Art 7.8	<p><b>Finish of parts</b></p> <p>Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs</p>	✓		✓	No comment No comment No comment No comment

\* The measurement uncertainties are not taken into account for the assessment of conformity.

Article of the standard EN 149+A1	Content	Conformity*			Comments
		Yes	No	N-A	
Art 7.9 Art 7.9.1	<p><b>Leakage</b></p> <p><b>Total inward leakage</b> The laboratory tests shall indicate that the particle filtering half mask can be used by the wearer to protect with high probability against the potential hazard to be expected. The total inward leakage consists of three components: face seal leakage, exhalation valve leakage (if exhalation valve fitted) and filter penetration. 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: 11 % for FFP2 (also valid for FFP1 requirement: 25 %)</p> <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: 8 % for FFP2 (also valid for FFP1 requirement: 22 %)</p>	✓			<p>Date of tests: 18/04/2019</p> <p>- Ref. SJ2278: 50 results ≤ 11% - Ref. SJ2278V: 49 results ≤ 11%</p> <p>- Ref. SJ2278: 10 averages ≤ 8% - Ref. SJ2278V: 9 averages ≤ 8%</p>

Half mask SJ2278 without valve										
Exercise	Test subject reference									
	1	2	3	4	5	6	7	8	9	10
Walk	1,195	0,563	1,222	0,598	2,388	1,499	7,710	0,445	0,688	1,583
Left-Right	1,603	0,909	1,700	1,184	4,031	1,849	7,845	0,648	1,081	2,183
Up-Down	1,596	1,347	2,230	1,095	3,865	1,638	6,203	2,148	3,606	1,397
Alphabet	1,369	2,402	1,205	1,433	2,985	4,931	3,177	1,515	2,807	1,750
Walk	1,732	0,944	1,684	0,793	4,780	2,177	4,845	3,068	1,717	2,180
<b>average</b>	<b>1,499</b>	<b>1,233</b>	<b>1,608</b>	<b>1,021</b>	<b>3,610</b>	<b>2,419</b>	<b>5,956</b>	<b>1,565</b>	<b>1,980</b>	<b>1,819</b>

\* Total inward leakage values in %

Half mask SJ2278V with valve										
Exercise	Test subject reference									
	11	12	13	14	15	16	17	18	19	20
Walk	1,788	4,948	0,249	3,081	1,222	0,461	4,265	1,571	6,694	2,031
Left-Right	1,998	6,083	0,377	4,715	1,558	0,858	5,362	8,113	9,533	2,223
Up-Down	2,384	9,924	0,729	3,352	2,486	0,773	5,884	13,700	10,356	2,852
Alphabet	1,705	5,704	0,944	3,198	1,245	1,762	4,941	2,210	6,404	4,247
Walk	2,123	5,937	0,321	2,691	1,804	0,890	6,284	3,542	8,325	4,265
<b>average</b>	<b>2,000</b>	<b>6,519</b>	<b>0,524</b>	<b>3,407</b>	<b>1,663</b>	<b>0,949</b>	<b>5,347</b>	<b>5,827</b>	<b>8,262</b>	<b>3,124</b>

\* Total inward leakage values in %

\* The measurement uncertainties are not taken into account for the assessment of conformity.

Article of the standard EN 149+A1	Content	Conformity*			Comments														
		Yes	No	N-A															
Art 7.9.2	<p><b>Penetration of filter material</b> The penetration of the filter of the particle filtering half mask shall meet the requirements of Table1.</p> <p>Tableau 1 – Penetration of filter material</p> <table border="1"> <thead> <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> </thead> <tbody> <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> </tbody> </table>	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>Date of tests: 19/03/2019</p> <p>All tests were carried out on half mask with exhalation valve SJ2278V → Tests validating reference SJ2278, and also FFP1 masks references SJ2268 and SJ2268V</p>
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																	

**Paraffin oil penetration of filter material tests results (%)**

Conditioning	AR			SWT		
Penetration (3min)	0,475	0,560	0,580	0,610	0,420	0,630

Conditioning	MS+TC		
Exposure (120mg)	1,450	0,980	0,880
Penetration (3min) after storage	N/A	N/A	N/A

**Sodium chloride penetration of filter material tests results (%)**

Conditioning	AR			SWT		
Penetration (3min)	0,104	0,165	0,091	0,124	0,680	0,116

Conditioning	MS+TC		
Exposure (120mg)	0,159	0,264	0,342
Penetration (3min) after storage	N/A	N/A	N/A

As Received (AR), Simulated Wearing Treatment (SWT), Mechanical Strength (MS), Temperature Conditioning (TC)

\* The measurement uncertainties are not taken into account for the assessment of conformity.

Article of the standard EN 149+A1	Content	Conformity*			Comments								
		Yes	No	N-A									
Art 7.10	<b>Compatibility with skin</b> 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.	✓			Manufacturer statement								
Art 7.11	<b>Flammability</b> The material used shall not present a danger for the wearer and shall not be of highly flammable nature. When tested, the particle filtering half mask shall not burn or not to continue to burn for more than 5 s after removal from the flame. The particle filtering half mask does not have to be usable after the test.  - <i>Tests carried out on both filtering half masks with and without exhalation valve.</i>	✓			Date of test: 19/04/2019  The mask doesn't burn 5s after removal from the flame								
Art 7.12	<b>Carbon dioxide content of the inhalation air</b> The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1,0 % (by volume)  - <i>Tests carried out on both filtering half masks with and without exhalation valve.</i>	✓			Date of tests: 22/03/2019  CO <sub>2</sub> (%) <table border="1" style="width: 100%; text-align: center;"> <tr> <td colspan="2">Without valve</td> </tr> <tr> <td>0,70</td> <td>0,75</td> </tr> <tr> <td colspan="2">With valve</td> </tr> <tr> <td>0,75</td> <td>0,80</td> </tr> </table>	Without valve		0,70	0,75	With valve		0,75	0,80
Without valve													
0,70	0,75												
With valve													
0,75	0,80												
Art 7.13	<b>Head harness</b> The head harness shall be designed so that the particle filtering half mask can be donned and removed easily. The head harness shall be adjustable or self-adjusting and shall be sufficiently robust to hold the particle filtering half mask firmly in position and be capable of maintaining total inward leakage requirements for the device.	✓			Self-Adjusting harnesses								
Art 7.14	<b>Field of vision</b> The field of vision is acceptable if determined so in practical performance tests	✓			See Art 7.7								
Art 7.15	<b>Exhalation valve(s)</b> A particle filtering half mask may have one or more exhalation valve(s), which shall function correctly in all orientations  If an exhalation valve is provided it shall be protected against or be resistant to dirt and mechanical damage and may be shrouded or may include any other device that may be necessary for the particle filtering half mask to comply with 7.9.  Exhalation valve(s), if fitted, shall continue to operate correctly after a continuous exhalation flow of 300 l/min over a period of 30 s.  When the exhalation valve housing is attached to the face blank, it shall withstand axially a tensile force of 10 N applied for 10s.	✓  ✓  ✓  ✓			(Not applicable for filtering half mask without valve)  Date of test: 20/03/2019  Date of test: 03/04/2019								

\* The measurement uncertainties are not taken into account for the assessment of conformity.

Article of the standard EN 149+A1	Content	Conformity*			Comments																						
		Yes	No	N-A																							
Art 7.16	<p><b>Breathing resistance</b> The breathing resistances apply to valved and valveless particle filtering half masks and shall meet the requirements of Table 2.</p> <p style="text-align: center;">Tableau 2 – Breathing resistance</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <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> </thead> <tbody> <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</td> <td>3</td> <td>3.0</td> </tr> </tbody> </table> <p>- Tests carried out on both FFP2 filtering half masks: SJ2278 and SJ2278V. → Test results also valid for FFP1 filtering half masks: SJ2268 and SJ2268V</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	3	3.0	✓			Date of tests: 20/03/2019
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	3	3.0																								

### Breathing resistance tests results

Conditioning	AR				SWT			
	Without valve	Without valve	With valve	With valve	Without valve	Without valve	With valve	With valve
Half mask								
at 30l/min	0,46	0,49	0,58	0,48	0,43	0,47	0,55	0,59
at 95l/min	1,26	1,25	1,34	1,32	1,20	1,23	1,36	1,38
at 160l/min	2,10	2,02	1,67	1,80	1,90	1,88	1,67	1,74

Values in mbar

Conditioning	TC				300l/min during 30s Art 7.15		
	Without valve	Without valve	With valve	With valve	With valve	With valve	With valve
Half mask							
at 30l/min	0,40	0,43	0,51	0,42	0,43	0,46	0,50
at 95l/min	1,12	1,15	1,17	1,13	1,10	1,16	1,17
at 160l/min	1,80	1,91	1,88	1,92	1,82	1,86	1,90

Values in mbar

\* The measurement uncertainties are not taken into account for the assessment of conformity.

Article of the standard EN 149+A1	Content	Conformity*			Comments
		Yes	No	N-A	
Art 7.17	<b>Clogging</b>			✓	<b>Not requested</b>
Art 7.18	<b>Demountable parts</b> All demountable parts (if fitted) shall be readily connected and secured, where possible by hand.			✓	

\* The measurement uncertainties are not taken into account for the assessment of conformity.

Article of the standard EN 149+A1	Content	Conformity			Comments
		Yes	No	N-A	
<b>Art. 9</b>	<b>Marking</b>				
Art 9.1	<b>Packaging</b> The following information shall be clearly and durably marked on the smallest commercially available packaging or legible through it if the packaging is transparent	✓			
Art 9.1.1	The name, trademark or other means of identification of the manufacturer or supplier	✓			
Art 9.1.2	Type-identifying marking	✓			
Art 9.1.3	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.	✓		✓	
Art 9.1.4	The number and year of publication of this European Standard	✓			
Art 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 Figure12a, where yyyy/mm indicates the year and month.	✓			
Art 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 equivalent pictogram.	✓			
Art 9.1.7	The manufacturer's recommended conditions of storage (at least the temperature and humidity) or equivalent pictogram	✓			
Art 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.			✓	

Article of the standard EN 149+A1	Content	Conformity			Comments
		Yes	No	N-A	
<b>Art. 9</b>	<b>Marking (continuation)</b>				
Art 9.2	<b>Particle filtering half mask</b>				
	Particle filtering half masks complying with this European Standard shall be clearly and durably marked with the following:				
Art 9.2.1	The name, trademark or other means of identification of the manufacturer or supplier	✓			
Art 9.2.2	Type-identifying marking	✓			
Art 9.2.3	The number and year of publication of this European Standard	✓			
Art 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."			✓	
Art 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).			✓	
Art 9.2.6	Sub-assemblies and components with considerable bearing on safety shall be marked so that they can be identified			✓	
<b>Regulation</b>	CE Marking (CE + Notified body in charge of module C2 or D) ;	✓			
	The CE marking shall be affixed visibly, legibly and indelibly to the PPE ;	✓			
	For PPE subject to ageing: the month and year of manufacture and/or, if possible, the month and year of obsolescence must be indelibly and unambiguously marked on each item of PPE placed on the market and on its packaging ;	✓			
	Name and address of the manufacturer ;	✓			
	Type, batch or serial number or other means of identification	✓			Address on the packaging

Article of the standard EN 149+A1	Content	Conformity			Comments
		Yes	No	N-A	
	<i>Concerning the instruction for use: Only the English version has been checked. It is the responsibility of the manufacturer to supply the instruction for use in the official languages of the country of destination</i>				
<b>Art. 10</b>	<b>Information to be supplied by the manufacturer</b>				
Art 10.1	Information supplied by the manufacturer shall accompany every smallest commercial available package	✓			Responsibility of the manufacturer
Art 10.2	Information supplied by the manufacturer shall be at least in the official language(s) of the country of destination	✓			
Art 10.3	The information supplied by the manufacturer shall contain all information necessary for trained and qualified persons on: <ul style="list-style-type: none"> <li>— application/limitations ;</li> <li>— the meaning of any colour coding ;</li> <li>— checks prior to use ;</li> <li>— donning, fitting ;</li> <li>— use ;</li> <li>— maintenance (e.g. cleaning , disinfecting),if applicable;</li> <li>— storage ;</li> <li>— the meaning of any symbols/pictogram used of the equipment</li> </ul>	✓ ✓ ✓ ✓ ✓ ✓ ✓		✓  ✓	
Art 10.4	The information shall be clear and comprehensible. If helpful, illustrations, part numbers, marking shall be added.	✓			
Art 10.5	Warning shall be given against problems likely to be encountered, for example: <ul style="list-style-type: none"> <li>— fit of particle filtering half mask (check prior to use);</li> <li>— it is unlikely that the requirements for leakage will be achieved if facial hair passes under the face seal;</li> <li>— air quality (contaminants, oxygen deficiency);</li> <li>— use of equipment in explosive atmosphere.</li> </ul>	✓ ✓ ✓ ✓			
Art 10.6	The information shall provide recommendations as to when the particle filtering half mask shall be discarded.	✓			
Art 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.	✓			
<b>Regulation</b>	Name and address of the manufacturer;	✓			
	Name, address and identification number of the notified body or bodies involved in the conformity assessment of the PPE (module B and module C2 or D) ;	✓			
	EU declaration of conformity or the internet address where the EU declaration of conformity can be accessed ;	✓			
	The risk against which the PPE is designed to protect ;	✓			
	The reference to this Regulation	✓			
	The references to the relevant harmonised standard(s) used, including ;	✓			
	The date of the standard(s), or references to the other technical specifications used ;	✓			

## 10. Conclusion

The PPE category III – Filtering half masks to protect against particles with and without exhalation valve identified in paragraph 4 meet the Essential Health and Safety Requirements of PPE Regulation 2016/425 of 9<sup>th</sup> march 2016.

The assessment of conformity takes into account the compliance of the PPE with the provisions of European standard EN 149:2001 + A1:2009, and with the conformity of manufacturer's technical documentation.

Consequently, 2 EU type examination certificates are issued for these equipment:

Class: FFP1 NR  
Trade Mark: SHENGJIE  
References: SJ2268  
SJ2268V

**Number of EU Type examination certificate: 0082/3234/079/08/19/0957**

Class: FFP2 NR  
Trade Mark: SHENGJIE  
References: SJ2278  
SJ2278V

**Number of EU Type examination certificate: 0082/3234/079/08/19/0958**

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