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Inspection Report

Report No. : Safety Standard Annual Review (Dust) 2019- 013

Product name: Self-priming filter anti-particulate respirator

Production unit: [Redacted]

[Redacted] Inspection unit: Special Labor
Protection Article Safety Mark Management Center

Unit under inspection: [Redacted]

[Redacted] Inspection category:
Annual inspection and inspection of safety signs

National Labor Protection Supplies Quality Supervision and
Inspection Center (Beijing)



statement

1. The report does not have the "special seal for inspection report" or the official seal of the inspection unit is invalid.
2. The alteration of the report is invalid.
3. The report is invalid without the authorized signatory's approval.
4. The copying of the report part is invalid, and the report copied with the agreement of this institution needs to be re-seal confirmed.
5. The commissioned inspection is only responsible for the incoming samples, and the test results are used by the commissioning party to understand the quality of the samples.
6. If there is any objection to the inspection report, it should be submitted within 15 days from the date of receiving the report, and it will not be accepted after the deadline.

Address:

Beijing

Postcode:

Phone:



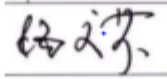
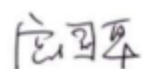

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**National Labor Protection Supplies Quality Supervision and Inspection Center
(Beijing)**

Self-priming filter type anti-particulate respirator inspection report

Number: Safety Standard Annual Review (Dust) 2019- 013 Type: KN

product name	Self-priming filter type anti-particle respirator	Enterprise Products Specifications	1013
Product Category	Disposable mask (no exhalation valve), kn95		
Inspection unit		trademark	
Production address		Postal code	324012
Contact person	Wu Yinyan	contact number	13600509248
Task source	Special Labor Protection Supplies Safety Mark Management Center	Sampling date	2019. 04. 10
Sampling location	Finished Product Warehouse	Date as of 2019. 04. 30	2019. 04. 30
Sampler	Wu Yinyan Jin Xiongying	Sampler	Wu Yinyan
Number of samples	51 respirators (including 15 prepared samples)	Sampling method	random
Sample status	intact	Production Date	2019. 04
identify category	Annual inspection of safety signs	Safety Signs Identification number	08-33-201005
Test based on	gb 2626-2006 "self-priming filter anti-particulate respirator for respiratory protective equipment" "Specifications for Inspection and Inspection of Safety Mark Products for Special Labor Protection Articles"		
Test items	Filtration efficiency, total leakage rate, inspiratory resistance, expiratory resistance, headband, logo		
sample photo			
test results	<p>This sample is based on GB 2626-2006 "Self-priming filter anti-particulate respirator for respiratory protective equipment" and "Special labor protection Product Safety Marking Product Inspection and Inspection Specifications ". After inspection, the items tested are qualified.</p> <p style="text-align: right;">  </p>		
Note	<p>① Sample number: 1 # ~ 36 # ② Original record number: 2019. 05.06- 169 ③ Sample appearance description: white folding mask</p>		
Approved:		Audit:	
		Main inspection:	

National Labor Protection Supplies Quality Supervision and Inspection Center (Beijing)

Self-priming filter type anti-particulate respirator inspection report

Number: Safety Standard Annual Review (Dust) 2019- 01

Summary of test results									
Serial number	Test items	standard requirement		test result			This conclusion	Note	
2	Filter effect	kn class		≥90.0% (KN90); ≥95. % (KP95); ≥99.97% (KP100).	Mechanical strength pretreatment	/	/	/	
						/	/	/	
						/	/	/	
						/	/	/	
						/	/	/	
				Ambient temperature: (25 ± 5) °C; Relative humidity: (30 ± 10)%;	Ambient temperature: 24 °C; Relative humidity: 32%				
		kp class			≥90.0% (KP90);≥95. % (KP95); ≥99.97% (KP100).		Sample number	Initial filtration efficiency	Load filtration efficiency
								/	/
							Unprocessed	/	/
								/	/
								/	/
								/	/
								/	/
								/	/
								/	/
								/	/
							Temperature and humidity pretreatment	/	/
								/	/
								/	/
								/	/
/	/								
Mechanical strength pretreatment	/	/							
	/	/							
	/	/							
	/	/							
		Ambient temperature: (25±5) °C	Ambient temperature: / °C						
					---	Test gas flow (85 soil 4) L / min			

National Labor Protection Supplies Quality Supervision and Inspection Center (Beijing)

Self-priming filter type anti-particulate respirator

Item: Annual Event (Dust) 2019-013

inspection report

Summary of test results								
Serial number	Test items	standard requirement		test result		This conclusion	Note	
3	Total leak rate (til) 4-1 (disposable mask)	Based on the TIL of each action (i.e. 10 people x 5 actions), there are at least 46 actions of TIL.	<1% (KN90/KP90); <11% (KN885/KP96) <5% (KN100/KP100).	Unprocessed	Sample number	results of testing	qualified (KN95)	/
					3	49 actions with a til of less than 11%		
					4	49 actions with a til of less than 11%		
					5	49 actions with a til of less than 11%		
					6	49 actions with a til of less than 11%		
				7	49 actions with a til of less than 11%			
				Temperature and humidity pretreatment	29	Til with 48 actions is less than 11%		
		30	Til with 48 actions is less than 11%					
		31	Til with 48 actions is less than 11%					
		32	Til with 48 actions is less than 11%					
		33	Til with 48 actions is less than 11%					
		Based on the overall human TIL Of the overall TIL of at least 8 of the 10 subjects.	<10%(090/KP90) ; <8 %(095/KP95); <2% (KN100/KP100).	Unprocessed	3	9 people with overall til less than 8%		
					4	9 people with overall til less than 8%		
					5	9 people with overall til less than 8%		
6	9 people with overall til less than 8%							
7	9 people with overall til less than 8%							
Temperature and humidity pretreatment	29			8 people with overall til less than 8%				
	30			8 people with overall til less than 8%				
	31			8 people with overall til less than 8%				
	32			8 people with overall til less than 8%				
	33			8 people with overall til less than 8%				
4-1	Leak rate (il) Replaceable mask	Based on the IL of each action (four 10 people x 5 actions). The IL of at least 6 of the 50 actions should be less than 5%;	Unprocessed		/	/	Disposable Mask not Do this	
			/	/				
			Temperature and humidity pretreatment					
		/	/					
		Based on the overall human il. At least 8 of the 10 subjects The overall IL should be less than a.	Unprocessed					
			/	/				
Temperature and humidity pretreatment								
/	/							

National Labor Protection Supplies Quality Supervision and Inspection Center (Beijing)

Self-priming filter type anti-particulate respirator inspection report

No.: Annual Safety Audit (Dust) 2019-013

Summary of test results								
Serial number	Test items	standard requirement	test result			This conclusion;	Note	
1	Visual inspection:	The surface of the sample should not be damaged, deformed, and have other obvious defects:	Sample number	Before pretreatment			/	Annual inspection, Don't do this
		Component materials and structures should be able to withstand normal use conditions and the temperature, humidity, and mechanical shock that may be encountered:						
		The headband should be adjustable, and the headgear of the replaceable mask should be replaceable:	/	/				
		The lenses of the full-face mask should not cause fogging and other visual impact when wearing:		/				
				/				
		After pretreatment by temperature, humidity and mechanical strength, the parts should not fall off, be damaged and deformed.	Temperature and humidity pretreatment					
			/	/				
			Mechanical strength pretreatment					
			/					
		2	Filtration efficiency	kn class ≥90.0% (KN90); ≥95.0% (KN95); ≥99.97% (KN100)	Sample number	Initial filtration efficiency		
Unprocessed	14				97.9%	97.7%		
	15				97.9%	97.6%		
	16				97.9%	97.5%		
	17				97.9%	97.7%		
	18				97.9%	97.5%		
	19				97.8%	97.7%		
	20				97.7%	97.5%		
	21				97.9%	97.6%		
	22				97.7%	97.5%		
	23				97.8%	97.6%		
Temperature and humidity pretreatment 2	24				97.2%	96.8%		
	25				96.9%	96.7%		
	26				97.2%	96.6%		
	27				97.2%	96.9%		
	28				97.3%	96.8%		

Pass (KN95)

Sample Testing Result

Filtration Efficiency

**National Center for Quality Supervision and Inspection of Labor
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Self-priming filter anti-particulate respirator inspection report

Ann Standard Annual Review (Dust)2019-013

Summary of inspection results								
Serial number	Inspection items	Standard requirements	Test results		Conclusion	Remarks		
12	Connections and connecting parts	Between the filter element and the mask can be replaced under specified detection conditions. all connecting and connecting parts between the respiratory catheter and	Unprocessed		/	Annual inspection not to do this		
			/	/				
			Pre-treatment of temperature and					
13	lenses	The lens shall not be broken or cracked after each sample is subjected to a steel ball strike:	/	/	/	Annual inspection not to do this		
			/	/				
			/	/				
			/	/				
		The negative pressure drop in each sample within 60 s should not be greater than 100 Pa after the impact of steel ball	/	/			/	/
			/	/				
			/	/				
			/	/				
14	Air tightness	Negative pressure drop should not be greater than 100 Pa per sample within 60 s	/	/	/	Follow-up No mask		
15	Flammability	Components exposed to the flame shall not burn after removal from the flame: if burned, the duration shall not exceed 5 s..	Sample size	Results	/	Annual inspection not to do this		
			Unprocessed	/			/	
			Pre-treatment of temperature	/			/	
			/	/			/	
16	Manufacturer's note Information provided	provided with minimum sales	/		/	Annual inspection not to do this		
		There should be a Chinese	/					
		The following information must be known to users: a) Scope and limitations b) For a replaceable filter element, describe the method used with a full or half mask and, in the case of multiple filter media, indicate:	/					

**National Center for Quality Supervision and Inspection of Labor
Protection Supplies (Beijing)**

Self-priming filter anti-particulate respirator inspection report

Ann Standard Annual Review (Dust)2019-013

Summary of inspection results							
Serial	Inspection	Standard requirements	Test results		Conclusion	Remarks	
8	Expiratory valve cover	Expiratory bonnet of replaceable mask withstands	/	/	/	Annual inspection not to do this	
		50 N of axial tension for 10 seconds without slippage, breakage and deformation.	/	/			
			/	/			
9	Death	If expressed as Fructus Aurantii fraction of CO2 in	/	/	/	Annual inspection not to do this	
		Ambient	Ambient temperature:				
10	Vision	Half mask $\geq 60^\circ$ below	/	/	/	Annual inspection not to do this	
		Total Large Eye Window	70% \geq total	/			/
			80% \geq binocular	/			/
		Surface Eyes	Total vision \geq Binocular vision $\geq 200\%$	/			/
11	Head	There shall be no slippage or breakage of each headband, buckle and other adjusting parts of the discarded mask when subjected to tension of 10 N, duration of 10 s.	Unprocessed		Qualified	/	
			9	10N continuous 10Ns, no slippage and fracture			
			Pre-treatment of temperature and				
			13	10N continuous 10Ns, no slippage and fracture			
		No slippage or breakage of each headband, buckle and other adjusting parts of the replaceable mask shall occur when subjected to tension of 50 N, duration of 10 s.	Unprocessed				
			/	/			
			Pre-treatment of temperature and humidity				
			/	/			
There shall be no slippage or breakage of each headband, buckle and other adjusting parts of the full cover when subjected to tension of 150 N,	Unprocessed						
	/	/					
	Pre-treatment of temperature and						
	/	/					
12	Connections and Link parts	Under specified detection conditions, all connection and connection parts between the replaceable filter element and the mask shall not appear slippage, breakage or deformation when subjected to tension of 50 N, duration of	Sample	Results	/	Annual inspection not to do this	
			Unprocessed				
			/	/			
			Pre-treatment of temperature and				
/	/						

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Protection Supplies (Beijing)**

Self-priming filter anti-particulate respirator inspection report

Ann Standard Annual Review (Dust)2019-013

Summary of inspection results							
Serial number	Inspection items	Standard requirements	Test results		Conclusion	Remarks	
12	Connections	Between the filter element and the mask can be replaced under specified detection conditions, all connecting and connecting parts between the respiratory catheter and the filter element and the mask, when subjected to axial tension of 250 N, duration of 10 s. There should be no slippage, fracture or deformation.	Unprocessed		/	Annual inspection not to do this	
			/	/			
13	Lenses	The lens shall not be broken or cracked after each sample is subjected to a steel ball strike:	Pre-treatment of temperature and humidity		/	Annual inspection not to do this	
			/	/			
			/	/			
		The negative pressure drop in each sample within 60 s should not be greater than 100 Pa. after the impact of steel ball	/	/			
		/	/				
		/	/				
14	Airtightness	Negative pressure drop should not be greater than 100 Pa. per sample within 60 s	/	/	/	Follow-up No mask Do this	
15	Flammability	Components exposed to the flame shall not burn after removal from the flame: if burned, the duration shall not exceed 5 s..	Sample size		/	Annual inspection not to do this	
			Unprocessed	/			/
				/			/
			Pre-treatment of temperature	/			/
/	/						
16	Manufacturer's note Information provided	provided with minimum sales packaging.	/		/	Annual inspection not to do this	
		There should be a Chinese description.	/				
		The following information must be known to users: d) Scope and limitations e) For a replaceable filter element, describe the method used with a full or half mask and, in the case of multiple filter media, indicate: f) Method of Assembly of Cannibalistic Mask Method	/				

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Protection Supplies (Beijing)**

Self-priming filter anti-particulate respirator inspection report

Ann Standard Annual Review (Dust)2019-013

Summary of inspection results						
Serial number	Inspection items	Standard requirements	Test results	Conclusion	Remarks	
16	Information provided by the manufacturer	Inspection methods before use; e) wear method and airtightness inspection method; f) when to replace the filter element; g) if applicable, maintenance methods (e.g. cleaning and disinfection methods); h) methods of secondary storage; i) the meaning of any symbols and icons used. Warnings should be provided on possible problems in use, such as:	/	/	Annual inspection not to do this	
		Information should be clear, can be added commentary, part number and tagging and other help	/			
17	Identification	Product name, trademark or other identifiable manufacturer's label, type or model (if applicable), execution standard, filter material	marked with the following information:	Qualified	/	
		Product instruction and certification	Product usage theory			
		Safety mark.	Compliance requirements			
Main inspection equipment	Number	Name of equipment	Validity of verification			
	HC-11	TSI8130 automatic filter material detector	2018.10.08~2019.10.07			
	F8-1	Universal Material Testing Machine	2019.01.24~2020.01.23			
	C7-2	Resistance, airtight test device	2019.01.17~2020.01.10			
	C7-7	Tilt Micro Press	2019.02.12~2020.02.11			
	HD-6	Electrothermal thermostatic blast dryer	2018.02.28~2020.02.27			
	HC-16	Electronic stopwatch	2018.11.27~2019.11.26			
	L6-2	Low temperature box	2018.02.28~2020.02.27			
	DF-9	hygroscopic tester	2018.02.28~2020.02.27			
	HC-6	Detecting system of particulate leakage	2018.11.13~2019.11.12			
			Below blank			

Date of inspection 06 May 2019 ~ 28 May 2019



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Self-priming filter anti-particulate respirator inspection report

Ann Standard Annual Review (Dust)2019-013

Summary of inspection results							
Serial number	Inspection items	Standard requirements	Test results		Conclusion	Remarks	
12	Connections and Connecting parts	Between the filter element and the mask can be replaced under specified detection conditions. all connecting and connecting parts between the respiratory catheter and the filter element and the mask, when subjected to an axial tension of 250 N, duration of 10 s. There should be no slippage, fracture or deformation.	Unprocessed		/	Annual inspection not to do this	
			/	/			
			Pre-treatment of temperature and				
13	lenses	The lens shall not be broken or cracked after each sample is subjected to a steel ball strike:	/	/	/	Annual inspection not to do this	
			/	/			
			/	/			
			/	/			
		The negative pressure drop in each sample within 60 s should not be greater than 100 Pa. after the impact of steel ball	/	/			
			/	/			
			/	/			
			/	/			
14	Air tightness	Negative pressure drop should not be greater than 100 Pa. per sample within 60 s	/	/	/	Follow-up No mask Do this	
15	Flammability	Components exposed to the flame shall not burn after removal from the flame: if burned, the duration shall not exceed 5 s..	Sample size		/	Annual inspection not to do this	
			Unprocessed	/			/
				Pre-treatment of temperature			/
			/				/
16	Manufacturer's note Information provided	provided with minimum sales packaging.	/		/	Annual inspection not to do this	
		There should be a Chinese description.	/				
		The following information must be known to users: g) Scope and limitations h) For a replaceable filter element, describe the method used with a full or half mask and, in the case of multiple filter media, indicate: i) Method of Assembly of Cannibalistic MaskMethod:	/				
			/				

