



TEST REPORT

STFWT20201504

Product Name	Dr. Hu KN95 Protective Mask
Trust Unit	Electronic products branch of Zhangzhou Mengfali Industry Co., Ltd
Manufacturer	Electronic products branch of Zhangzhou Mengfali Industry Co., Ltd
Test Category	Entrusted sample delivery inspection

**JIANGSU QUALITY SUPERVISION AND INSPECTION CENTER FOR SPECIAL SAFETY
PROTECTION PRODUCTS**

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Product Name	Dr. Hu KN95 Protective Mask	Specification Type	BRI-2100
		Trademark	Dr. Hu
Trust Unit	Electronic products branch of Zhangzhou Mengfali Industry Co., Ltd	Tel	18150763286
Manufacturer	Electronic products branch of Zhangzhou Mengfali Industry Co., Ltd	Sample Grade	KN95
Sample Quantity	35 PCS	Sample Receiving Date	2020-02-21
Test Category	Entrusted sample delivery inspection	Serial Number	——
Samples Conditions	Meet the testing requirements		
Document and Decide Accordance	GB 2626-2006 “Respiratory protective equipment self-suction filter type particle respirator”		
Test Conclusion	The sample is tested and the tested items meet the KN95 requirements of GB 2626-2006 standard. Issuance Date: 2020-02-26		
Remarks	The inspection conclusion in this report is only for the inspected items, and does not mean that the items or functions that have not been inspected meet the requirements. This report is only responsible for the samples.		

Approver: Qian Hui

Examiner: Wu Liangliang

Majortester: Cai Yanwen

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Serial	Test Items	Unit	Technological Requirement	Results	Individual Judgment
1	General requirements	——	<p>Materials:</p> <p>a) Materials in direct contact with the face shall be harmless;</p> <p>b) Filter material shall be harmless to the human body;</p> <p>c) The materials used shall have sufficient strength and shall not be damaged or deformed in normal service life.</p> <p>Structure:</p> <p>a) It shall not be easy to cause structural damage, and the design, composition and installation of components shall not pose any danger to users;</p> <p>b) The design of the headband shall be adjustable, easy to wear and remove, the mask shall be firmly fixed on the face, and there shall be no obvious compression or tenderness during wearing;</p> <p>c) It should have a smaller dead cavity and a larger field of vision;</p> <p>d) The structure of the disposable mask shall be able to ensure the close fit with the face, and shall not deform within the service life.</p>	Meet the requirements	Qualified
2	Appearance inspection	——	<p>The sample surface shall not be damaged, deformed or have obvious other defects. The component material and structure shall be able to withstand normal use conditions and possible temperature, humidity and mechanical impact. The</p>	Meet the requirements	Qualified

			headband shall be adjustable.					
3	Respiratory resistance	Pa	The total inspiratory resistance of each sample shall not be greater than 350, and the total expiratory resistance shall not be greater than 250.	Sample No.			Measured value	Qualified
				Total suction resistance	Unpretreated	1#	73.4	
						2#	76.9	
					Pre-treatment	3#	77.6	
						4#	78.3	
				Total expiratory resistance	Unpretreated	1#	43.2	
						2#	40.4	
					Pre-treatment	3#	45.4	
						4#	42.9	
4	View	——	Below view $\geq 60^{\circ}$	64 $^{\circ}$			Qualified	
5	Dead space	——	The volume fraction of carbon dioxide shall not be greater than 1%	0.6% CO2 by volume			Qualified	

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Serial	Test Items	Unit	Technological Requirement		Results		Individual Judgment
6	Filtration efficiency /% (NaCl particles)	——	KN95: ≥ 95.0	Sample No.	Measured value		
				5#	Initial	98.6	
					Loading	98.0	
				6#	Initial	98.4	
					Loading	97.8	
				7#	Initial	98.5	
					Loading	97.9	
				8#	Initial	98.6	
					Loading	98.0	
				9#	Initial	98.5	
					Loading	97.8	
				10#	Initial	98.5	
					Loading	97.9	
				11#	Initial	98.8	
					Loading	98.1	
				12#	Initial	98.7	Qualified
					Loading	98.0	
				13#	Initial	98.3	
					Loading	97.6	
				14#	Initial	98.4	
					Loading	97.7	
	Headband		Each headband, buckle and other adjusting parts of the mask shall not slip or break when they are under 10N tension for 10s.	Unpretreated:	1#After each headband, buckle and other adjusting parts of the mask bear 10N tension for 10s, there is no slippage or fracture.	Qualified	
					After pretreatment:		
				3#After each headband, buckle and other adjusting parts of the mask bear 10N tension for 10s, there is no slippage or fracture.			
				Tempe	15#	Initial	98.3
					Loading	97.7	
				16#	Initial	98.0	
					Loading	97.5	
				17#	Initial	98.3	
					Loading	97.6	
				18#	Initial	97.9	
					Loading	97.0	
				19#	Initial	98.0	
					Loading	97.5	

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Serial	Test Items	Unit	Technological Requirement		Results		Individual Judgment	
8	Expiration valve cover	——	The expiratory valve cover of the mask shall not slip or break when it bears 10N pull force and lasts for 10s.		No expiratory valve, no test		——	
9	Air tightness of exhalation valve	——	No one of the following conditions is allowed for each product: a) When the extraction flow rate has reached 500ml / min, the negative pressure of the system can not reach 1180pa; b)The time for the expiratory valve to return to normal pressure is less than 20s.		No expiratory valve, no test		——	
10	Leakage /% (TIL of disposable mask)	——	Filter grade	Based on the TIL of each action (i.e. 10 persons × 5 actions), there are at least 46 TILs in 50 actions	Unpre treated	16#	TIL with 46 actions is less than 11	Qualified
						17#	TIL with 46 actions is less than 11	
						18#	TIL with 46 actions is less than 11	
						19#	TIL with 46 actions is less than 11	
			20#	TIL with 46 actions is less than 11				
			KN95	<11	Temperature and humidity treatment	21#	TIL with 46 actions is less than 11	
						22#	TIL with 46 actions is less than 11	
						23#	TIL with 46 actions is less than 11	
						24#	TIL with 46 actions is less than 11	

						#	
						25u	TIL with 46 actions is less than 11
			Filter grade	There is a total TIL of at least 8 out of 10 subjects based on total TIL	Unpretreated	16"	Nine people have a TIL less than 8
						17#	Nine people have a TIL less than 8
						18"	Nine people have a TIL less than 8
						19#	Nine people have a TIL less than 8
						20"	Nine people have a TIL less than 8
			KN95	<8	Temperature and humidity treatment	21#	Nine people have a TIL less than 8
						22#	Nine people have a TIL less than 8
						23#	Nine people have a TIL less than 8
						24#	Nine people have a TIL less than 8
						25#	Nine people have a TIL less than 8

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Serial	Test Items	Unit	Technological Requirement	Results	Individual Judgment
11	Flammability	——	Each part exposed to the flame shall not burn after it is removed from the flame; If it burns, the continuous burning time shall not exceed 5S。	Unpretreated: 1# and 2# specimens exposed to the flame do not burn after they are removed from the flame. 3# and 4# specimens exposed to the flame do not burn after they are removed from the flame.	Qualified
12	Connecting parts	——	All connecting parts between replaceable filter element and mask, between respiratory catheter and filter element and mask shall not slip, break or deform under 10N axial tension for 10s.	Disposable mask doesn't measure this item	——
13	Identification	——	The product shall be marked with the divination mark: a) Name, trademark or other distinguishing mark of manufacturer or supplier; b) Model and size (if applicable); c) The number and year of this standard shall be implemented, and the filter element shall be marked with the filter material level. The level shall be marked with the combination of the number of this standard and the level of the filter element, such as GB2626-2006kn90 or GB2626-2006kp100.	a) Have a name and trademark; b) Have models and sizes; c) There are executive standard number and year number. The filter element indicates the level of the filter material. The level is marked by the combination of executive standard number and filter element level.	Qualified

Sample picture

Test sample



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检验检测报告

TEST REPORT

STFWT20201504

产品名称

Product Name

呼博士 KN95 防护口罩

委托单位

Trust Unit

漳州蒙发利实业有限公司电子产品分公司

生产单位

Manufacturer

漳州蒙发利实业有限公司电子产品分公司

检验检测类别

Test Category

委托送样检验



江苏省特种安全防护产品质量监督检验中心
JIANGSU QUALITY SUPERVISION AND INSPECTION CENTER FOR SPECIAL SAFETY PROTECTION PRODUCTS

检 验 检 测 报 告

Test Report



防伪查询

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产品名称 Product Name	呼博士 KN95 防护口罩	规格型号 Specification Type	BRI-2100
		商 标 Trademark	呼博士
委托单位 Trust Unit	漳州蒙发利实业有限公司电子产品分公司	电 话 Tel	18150763286
生产单位 Manufacturer	漳州蒙发利实业有限公司电子产品分公司	样品等级 Sample Grade	KN95
样品数量 Sample Quantity	35 PCS	送样日期 Sample Receiving Date	2020-02-21
检验检测类别 Test Category	委托送样检验	批号/货号 Serial Number	—
样品状态 Samples Conditions	符合检测要求		
检验检测及判定依据 Document and Decide Accordance	GB 2626-2006 《呼吸防护用品 自吸过滤式防颗粒物呼吸器》		
检验检测结论 Test Conclusion	<p>样品经检验，所检项目符合 GB 2626-2006 标准规定的KN95 级要求。</p> <p>签发日期：2020-02-26</p> <p>检验检测专用章 (1)</p>		
备 注 Remarks	<p>本报告检验结论仅对所检项目得出，不代表未经检验的项目或功能符合要求。</p> <p>本报告仅对来样负责。</p>		

批 准：
Approver

钱 辉

审 核：
Examiner

吴 亮 亮

主 检：
Major tester

蔡 燕 文

检 验 检 测 结 果

Testing Results

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序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement	检验检测结果 Results				单项评价 Individual Judgment
1	一般要求	——	材料： a)直接与面部接触的材料应无害； b)滤材应对人体无害； c)所用材料应具有足够的强度，在正常使用寿命中不应出现破损或变形。 结构： a)应不易产生结构性破损，部件的设计、组成和安装不对使用者构成任何危险； b)头带的设计应可调，便于佩戴和摘除，应能将面罩牢固地固定在脸上，且佩戴时不应出现明显的压迫或压痛现象； c)应尽可能具有较小的死腔和较大的视野； d)随弃式面罩的结构应能保证与面部的密合，且应在使用寿命期内不出现变形。	符合要求				合 格
2	外观检查	——	样品表面不应破损、变形和有明显的其它缺陷，部件材料和结构应能够耐受正常使用条件及可能遇到的温度、湿度和机械冲击，头带应可调。	符合要求				合 格
3	呼吸阻力	Pa	每个样品的总吸气阻力应不大于350，总呼气阻力应不大于250	试样编号			实测值	合 格
				总 吸 气 阻 力	未 预 处 理	1 [#]	73.4	
						2 [#]	76.9	
					预 处 理	3 [#]	77.6	
						4 [#]	78.3	
				总 呼 气 阻 力	未 预 处 理	1 [#]	43.2	
						2 [#]	40.4	
					预 处 理	3 [#]	45.4	
						4 [#]	42.9	
4	视野	——	下方视野≥60°	64°				合 格
5	死腔	——	二氧化碳体积分数应不大于1%	二氧化碳体积分数为0.6%				合 格

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序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement	检验检测结果 Results				单项评价 Individual Judgment
6	过滤效率/% (NaCl 颗粒物)	—	KN95: ≥95.0	试样编号		实测值		合 格
				5 [#]	初始	98.6		
					加载	98.0		
				6 [#]	初始	98.4		
					加载	97.8		
				7 [#]	初始	98.5		
					加载	97.9		
				8 [#]	初始	98.6		
					加载	98.0		
				9 [#]	初始	98.5		
					加载	97.8		
				10 [#]	初始	98.5		
					加载	97.9		
				11 [#]	初始	98.8		
					加载	98.1		
				12 [#]	初始	98.7		
					加载	98.0		
				13 [#]	初始	98.3		
					加载	97.6		
				14 [#]	初始	98.4		
					加载	97.7		
温度湿度处理	15 [#]	初始	98.3					
		加载	97.7					
	16 [#]	初始	98.0					
		加载	97.5					
	17 [#]	初始	98.3					
		加载	97.6					
	18 [#]	初始	97.9					
		加载	97.0					
19 [#]	初始	98.0						
	加载	97.5						
7	头带	—	面罩的每条头带、带扣及其他调节部件在承受 10N 拉力且持续 10s 时, 不应出现滑脱或断裂。	未预处理: 1 [#] 面罩的每条头带、带扣及其他调节部件在承受 10N 拉力且持续 10s 后, 未出现滑脱或断裂。 预处理后: 3 [#] 面罩的每条头带、带扣及其他调节部件在承受 10N 拉力且持续 10s 后, 未出现滑脱或断裂。				合 格

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序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement		检验检测结果 Results			单项评价 Individual Judgment
8	呼气阀盖	——	面罩的呼气阀盖在承受 10N 拉力且持续 10s 时，不应出现滑脱或断裂。		无呼气阀，不测此项			——
9	呼气阀气密性	——	各样品均不得出现下述情况之一： a) 抽气流速已经达到 500mL/min 时，系统负压达不到 1180Pa； b) 呼气阀恢复至常压时间小于 20s。		无呼气阀，不测此项			——
10	泄漏性/% (随弃式面罩的 TIL)	——	滤料级别	以每个动作的 TIL 为评价基础时(即 10 人×5 个动作)，50 个动作中至少有 46 个动作的 TIL	未 预 处 理	16 [#]	有 46 个动作的 TIL 小于 11	合 格
						17 [#]	有 46 个动作的 TIL 小于 11	
						18 [#]	有 46 个动作的 TIL 小于 11	
						19 [#]	有 46 个动作的 TIL 小于 11	
						20 [#]	有 46 个动作的 TIL 小于 11	
			KN95	<11	温 度 湿 度 处 理	21 [#]	有 46 个动作的 TIL 小于 11	
						22 [#]	有 46 个动作的 TIL 小于 11	
						23 [#]	有 46 个动作的 TIL 小于 11	
						24 [#]	有 46 个动作的 TIL 小于 11	
						25 [#]	有 46 个动作的 TIL 小于 11	
			滤料级别	以人的总体 TIL 为评价基础时，10 个受试者中至少有 8 个人的总体 TIL	未 预 处 理	16 [#]	有 9 个人的 TIL 小于 8	
						17 [#]	有 9 个人的 TIL 小于 8	
						18 [#]	有 9 个人的 TIL 小于 8	
						19 [#]	有 9 个人的 TIL 小于 8	
						20 [#]	有 9 个人的 TIL 小于 8	
			KN95	<8	温 度 湿 度 处 理	21 [#]	有 9 个人的 TIL 小于 8	
						22 [#]	有 9 个人的 TIL 小于 8	
						23 [#]	有 9 个人的 TIL 小于 8	
						24 [#]	有 9 个人的 TIL 小于 8	
						25 [#]	有 9 个人的 TIL 小于 8	

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序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement	检验检测结果 Results	单项评价 Individual Judgment
11	可燃性	——	暴露于火焰的各部件在从火焰移开后，不应燃烧；如果燃烧，续燃时间不应超过 5s。	未预处理： 1 [#] 、2 [#] 试样暴露于火焰的各部件在从火焰移开后，未燃烧。 预处理后： 3 [#] 、4 [#] 试样暴露于火焰的各部件在从火焰移开后，未燃烧。	合 格
12	连接和连接部件	——	可更换式过滤元件与面罩之间，呼吸导管与过滤元件及面罩之间的所有连接和连接部件，在承受 10N 轴向拉力且持续 10s 时，不应出现滑脱、断裂或变形。	随弃式面罩，不测此项	——
13	标识	——	产品上应有以下标识： a) 名称、商标或其他可辨别制造商或供货商的标注； b) 型号和号型（如果适用）； c) 执行本标准号和年号，过滤元件应标注滤料级别，级别用执行本标准号和过滤元件级别组合方式标注，如 GB2626-2006KN90，或 GB2626-2006KP100。	a) 有名称、商标； b) 有型号和号型； c) 有执行标准号和年号，过滤元件标注了滤料级别，级别用执行标准号和过滤元件级别组合方式标注。	合 格

样 品 图 片

测试样品



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