

National Quality Supervision Center of Labor Protection Supplies (Beijing Branch)

Inspection Report (Results Summary)

Report No.: 2020(Dust)-044

Items	Standard Clause No.	Standards	Test Results		Conclusions		
					Initial filtration efficiency (η)	Filtration efficiency after use (η)	
Filtration efficiency	5.3	KN90 \geq 90.0% KN95 \geq 95.0% KN100 \geq 99.97% Gas flow in the test: Single filter element: (85 \pm 4) L/min	No pretreatment	1#	99.9%	99.6%	Meet the standard (KN95)
				2#	99.8%	99.5%	
				3#	99.8%	99.4%	
				4#	99.8%	99.6%	
				5#	99.8%	99.5%	
				6#	99.8%	99.4%	
				7#	99.7%	99.5%	
				8#	99.8%	99.4%	
				9#	99.9%	99.5%	
				10#	99.8%	99.5%	
						KN type: Ambient temperature: (25 \pm 5) $^{\circ}$ C Relative humidity: (30 \pm 10) $^{\circ}$ C	
Inspiratory resistance	5.5	Total inspiratory resistance per sample \leq 350Pa	No pretreatment	3#	53Pa	Meet the standard	
				4#	59Pa		
Expiratory resistance	5.5	Total expiratory resistance per sample \leq 250Pa	No pretreatment	3#	24Pa	Meet the standard	
				4#	29Pa		
Sample Photos							
Remarks							
					Inspection Date: from 2020-02-03 to 2020-02-08		
					End.		