

**TEST REPORT**

**DATE OF REPORT** : 08 July 2020

**DESCRIPTION OF SAMPLES** : **N95 Three Dimensional Protective  
Respirator – DR MFYAN**

**REPORT NO.** : F [REDACTED] B

**QUOTATION NO.** : COM 1100

**CUSTOMER ORDER NO.** : Paid

**CONTACT PERSON** : Martin van der Merwe

**CONTACT DETAILS** : 012 665 9431

**CUSTOMER** : Sanitize PPE (Pty) Ltd

**CUSTOMER CONTACT PERSON** : Myles Grizic

**CUSTOMER ADDRESS** : 4 Beach Road, Maitland, Cape Town

**CUSTOMER E-MAIL** : [myles@san-i-tize.co.za](mailto:myles@san-i-tize.co.za)

**DESCRIPTION OF TESTS REQUIRED** : Evaluation according to SANS 50149:2003

**CONDITION OF SAMPLES** : Good

**SAMPLES RECEIVED DATE** : 29 June 2020

Tests marked with an asterisk (\*) in this report are not included in the SANAS schedule of accreditation for this laboratory.



## TEST RESULTS

Par	Title	Remarks
7.3	*Visual inspection	<b>Pass</b> Masks comply with all the requirements (Picture 1)

Par	Title	Remarks
7.6	*Cleaning and disinfecting	Follow manufacturer's instructions

Par	Title	Remarks
7.7	*Practical performance	<b>Pass</b> Test subjects were satisfied with the head harness comfort, security of fastening, compatibility with skin and field of vision of the mask.

Par	Title	Remarks
7.8	*Finish of parts	<b>Pass</b> No sharp edges and burrs.

Par	Title	Maximum Specification FFP2	Remarks
7.9.1	*Total inward leakage (2 test subjects)	Less than 8 % average test results per test subject	<b>Pass</b> Results were < 8 %

Par	Title	Maximum Specification FFP2	Avg. Results	Remarks
7.9.2	Penetration of filter material	%	%	
	* <b>Sodium chloride</b> As received	6	2.4	<b>Pass</b>
	<b>Paraffin oil</b> As received	6	4.6	<b>Pass</b>

Par	Title	Remarks
7.10.	*Compatibility with skin	<b>Pass</b> No skin irritation observed on the wearer's facial skin during total inward leakage test and practical performance period.

Par	Title	Remarks
7.11	*Flammability	<b>Pass</b> All parts of the mask were self-extinguished within 5 seconds after the mask passed through the flame.


Par	Title	Remarks
7.13	*Head harness	<b>Pass</b> The particle mask can be donned and removed easily.

Par	Title	Remarks
7.14	*Field of vision	<b>Pass</b> The particle mask did not interfere with the field of vision of the wearer.

Par	Title	Maximum Specification FFP2	Avg. Results	Remarks
7.16	*Breathing resistance	Pa	Pa	
	<u>Inhalation at 30 L/min</u>			
	As received	70	53	<b>Pass</b>
	<u>Inhalation at 95 L/min</u>			
	As received	240	149	<b>Pass</b>

WORK PERFORMED BY:   
Khanyiso Ndevu  
(Junior Scientist)

08/07/2020  
Date

WORK APPROVED BY:   
Nkele Mangwane  
(Scientist)

08/07/2020  
Date

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