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TEST REPORT

DATE OF REPORT : 28 September 2020
DESCRIPTION OF SAMPLES : **Disposable Face Mask**
REPORT NO. : F5933B
QUOTATION NO. : COM 1061 Issue 2
CUSTOMER ORDER NO. : Paid
CONTACT PERSON : Martin van der Merwe
CONTACT DETAILS : 012 665 9431
CUSTOMER : Molaetsa Wa Botshelo Trading and Projects
cc T/A Cre8work
CUSTOMER ADDRESS : 139 Voortrekker Avenue, Johannesburg
CUSTOMER CONTACT PERSON : Celeste Visser
CUSTOMER TELEPHONE NO : 011 450 3800 / 061 534 8748
CUSTOMER E-MAIL : gm@cre8work.co.za
DESCRIPTION OF TESTS REQUIRED : Evaluation according to SANS 1866:2008
and SANS 1866 – 1:2018
CONDITION OF SAMPLES : Good
SAMPLES RECEIVED DATE : 16 September 2020

Report No.: F5933B

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DETAIL PRODUCT DESCRIPTION

Product	Disposable Face Mask (Picture 1)
Supplier	Molaetsa Wa Botshelo Trading and Projects cc T/A Cre8work
Manufacturer	Cre8hygiene

EVALUATION SUMMARY

The face masks supplied did not comply with standard mask of surgical face mask specifications described in SANS 1866:2008 and SANS 1866 – 1: 2018 according to the critical testing criteria.

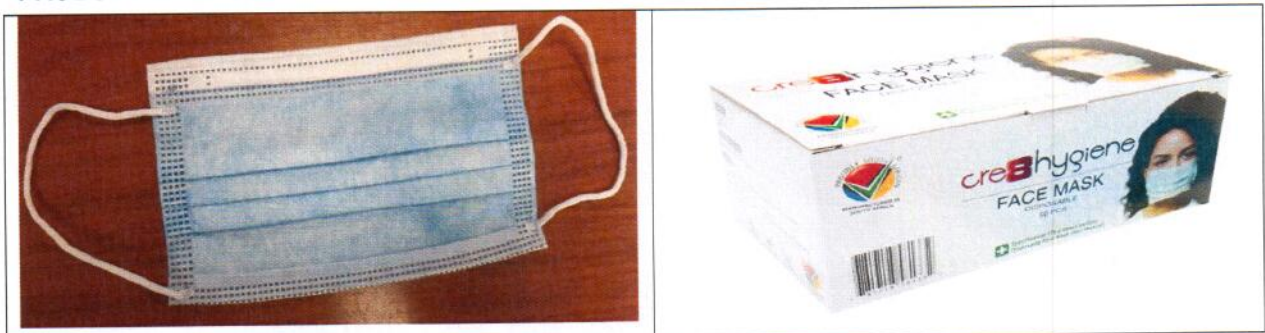
Title	Remarks
Standard mask	
Absorption rate, SANS 1866:2008	Pass
Sodium chloride Penetration, SANS 1866:2008	Fail
Differential pressure, SANS 1866 -1:2018	Pass
Flammability, SANS 1866 - 1:2018	Pass

TEST CONDITION SUMMARY

Samples were tested according to SANS 1866:2008 and SANS 1866 – 1: 2018

Par	Item	Test par	Evaluation
SANS 1866:2008 § 4.1	Penetration and differential pressure	5.1	Secure sample on a disc with a diameter of 76 mm. Measure sodium chloride penetration and differential pressure at 30 l /min.
SANS 1866 – 1: 2018 § 5.2.5	Flammability	SANS 50149: 2003 – 8.6	All parts of the respirator should self-extinguish within 5 seconds after it passed through the flame.

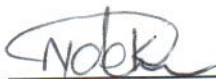
PRODUCT PICTURES




Picture 1: Disposable Face Mask

TEST RESULTS

Title	Specification	Results	Remarks
Standard mask			
Absorption rate	> 60 sec	> 60 sec	Pass
Sodium chloride Penetration (%)	26%, maximum specification	53 %	Fail
Differential pressure	< 4 mm H ₂ O/cm ² maximum specification	< 4 mm H ₂ O/cm ²	Pass
Flammability	Self-extinguish in < 5s	Self-extinguished in < 5s	Pass

WORK PERFORMED BY: 
Khanyiso Ndevu
(Junior Scientist)

28/09/2020
Date

WORK APPROVED BY: 
Martin van der Merwe
(Chief Scientist)

28/9/2020
Date

This report relates to the specific sample(s) tested as identified herein, it does not imply Protechnik approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested.

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