Certificate of Verification
PPE Test Report

Report No. [redacted]
Applicant : [redacted]
Address : [redacted]

Manufacturer : [redacted]
Address : [redacted]

Equipment Under Test (EUT)
Trade Name : [redacted]
Product Name : Disposable Protective Face Masks
Model No. : N/A
PPE Directive : Class I
Standards : EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking
Classifications : FFP2
Date of Receipt : March 2, 2020
Date of Test : March 2, 2020 to March 12, 2020
Date of Issue : March 12, 2020
Test Results : PASS

NPS.GS

Reviewed by:
Jerry Chou
(Chief Engineer)

Prepared By:
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NPS building, No.160,GuanChang Road, ChangAn Town, DongGuan City, GuangDong Province, China 523855

The sample detailed above has been tested to the requirements of Council Personal Protective Equipment (PPE) Directive (EU)2016/425. The test results have been reviewed against the Directives above and found to meet their essential requirements.

TEST REPORT

ITEMS FOR ATTENTION:

1. This report is submitted for the exclusive use of the client to whom it is addressed.
2. It would be invalid test report without specific stamp for test institute or the authority.
3. It would be invalid duplicated report without specific stamp for test institute or the authority.
4. It would be invalid test report without all the signatures of reporter, reviewer.
5. It would be invalid test report, if there is any scrawl in the test report without official authorization.
6. Any disputes about the report must be submitted for test laboratory 15 days from the day when the report is received, otherwise that would be invalid out of expiry.
7. Generally, the responsible is only for the samples in entrusted test.

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TEST REPORT

Product Detail	Trade Name	[redacted]
	Product Name	Disposable Protective Face Masks
	Model	N/A
Test Content	Test Items	CE Machinery Personal Protective Equipment (PPE) Directive (EU)2016/425
	Test Requested	EN 149:2001+A1:2009
	Test Method	Tests for compliance with the EN 149、EN 132、EN 134、EN 143、EN 13274-7、ISO 6941
	Classifications	FFP2
	Test Result	Pass
	Conclusion	The submitted samples complied with the requirement of above Standards.
Test Laboratory	Laboratory Name	NPS Test Laboratory DongGuang
	Address	NPS building, No.160,GuanChang Road, ChangAn Town, DongGuan City, GuangDong Province, China 523855
Remark	1) When determining for test conclusion, measurement uncertainty of tests has been considered. 2) This report shall not be reproduced except in full without the written approval of the testing laboratory.	

Tested by:
Gory Wu Engineer
March 12, 2020

Reviewed by: Andy yang
Andy Yang Supervisor
March 12, 2020

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TEST REPORT

General

Barrier Test	
Color	Inner Layer White,Outer Layer Green
Dimensions	175*95mm
Weight	1 Pcs = 2.29g , 10 Pcs = 22.78g
Visual inspection	Pass
Note:No	

Visual inspection

Materials Test	
Ear Wire	Spandex
Bridge of nose	Plastic-lined wire
Face cloth	1+3 Non Woven Fabric，2 Medical use melt-blown nonwovens
Note:No	

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TEST REPORT

Flammability

Barrier Test	
Test Standard	ISO 6941:2003
Test Item	Vertical Burning Test
Test Processing	least 24 h at T: 20±2℃, 65±5%
Test Results	Pass
Note:No	

Carbon dioxide content of the inhalation air

Test Item	Unit	RL (ppm)	Results
carbon dioxide content	ppm	5	N.D
Test Results	Pass		

Remarks :
1. 1ppm = 1mg/kg = 0.0001%.
2. N.D.= Not Detected(less than report limit).
3. RL= Report Limit.
4. The results shown in this test report refer only to the sample tested.

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TEST REPORT

Strength of attachment of exhalation valve housing

Air Valve Test	
Test Standard	EN 132、EN 134、EN 143、EN 13274-7
Test Item	Air Valve Device
Test Results	N/A (Flat mask not in use)
Note:No	

Breathing Resistance

Test Item	Unit	Requirements	Results
Exhalation Resistance	Pa/cm²	Test the inhalation resistance at 30 l/min and 95 l/min continuous flow.	Pass
Test Results	Pass		
Note:N/A			

Breathing resistance Account for

Classification	Maximum permitted resistance (mbar)		
	inhalation		exhalation
	30 l/min	95 l/min	160 l/min
FFP1	0,6	2,1	3,0
FFP2	0,7	2,4	3,0
FFP3	1,0	3,0	3,0

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TEST REPORT

Clogging
Penetration of filter material

Test Item	Classifications	Requirements	Test Results
Penetration %(PFE)	FFP2	≤6	Pass
Note:N/A			

Classification Account for

Classification	A1 Maximum penetration of test aerosol A1	
	Sodium chloride test 95 l/min % max.	Paraffin oil test 95 l/min % max.
FFP1	20	20
FFP2	6	6
FFP3	1	1

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TEST REPORT

Headband Test	
Test Standard	EN 149
Requirement	The mask strap should be cut off easily. The breaking strength of the joint of each mask band and mask band should be greater than 10N.
Results	It's easy to take the mask off Breaking strength ≥10N
Judgment	Pass
Note:No	

Nose Clip Test	
Test Standard	EN 149
Test Item	Nose Clip
Requirement	There should be a nose clip on the mask. The nose clip can be made of plastic material. Length of nose clip ≥8.0cm
Results	The mask is equipped with a nose clip made of a plastic material. Length of nose clip: 9.6cm
Judgment	Pass
Note:No	

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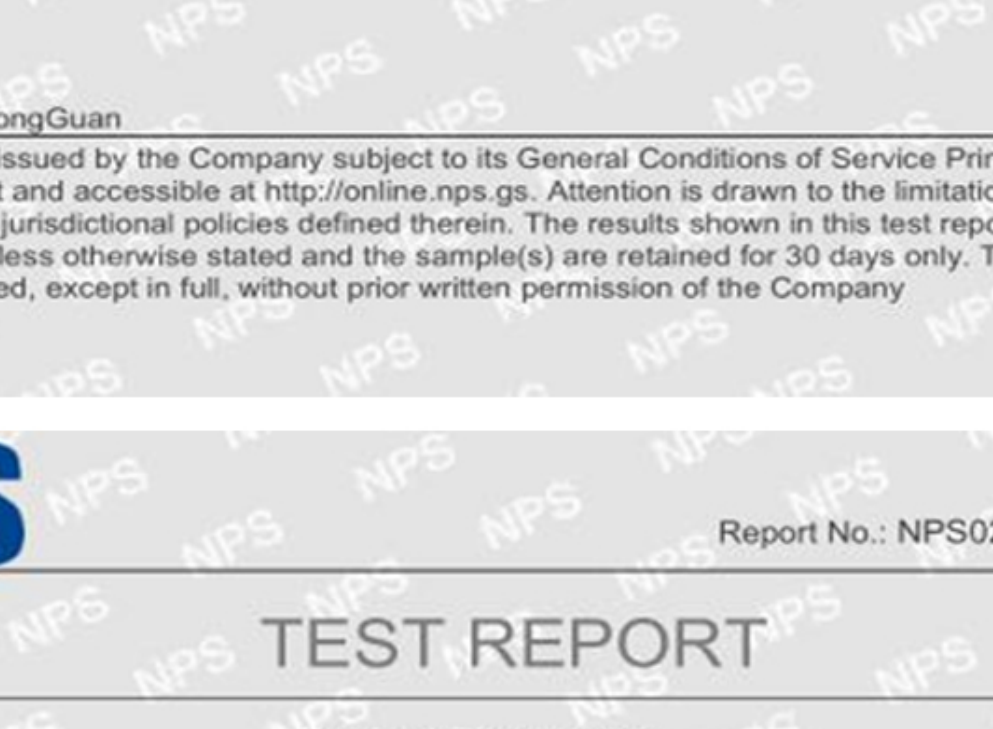
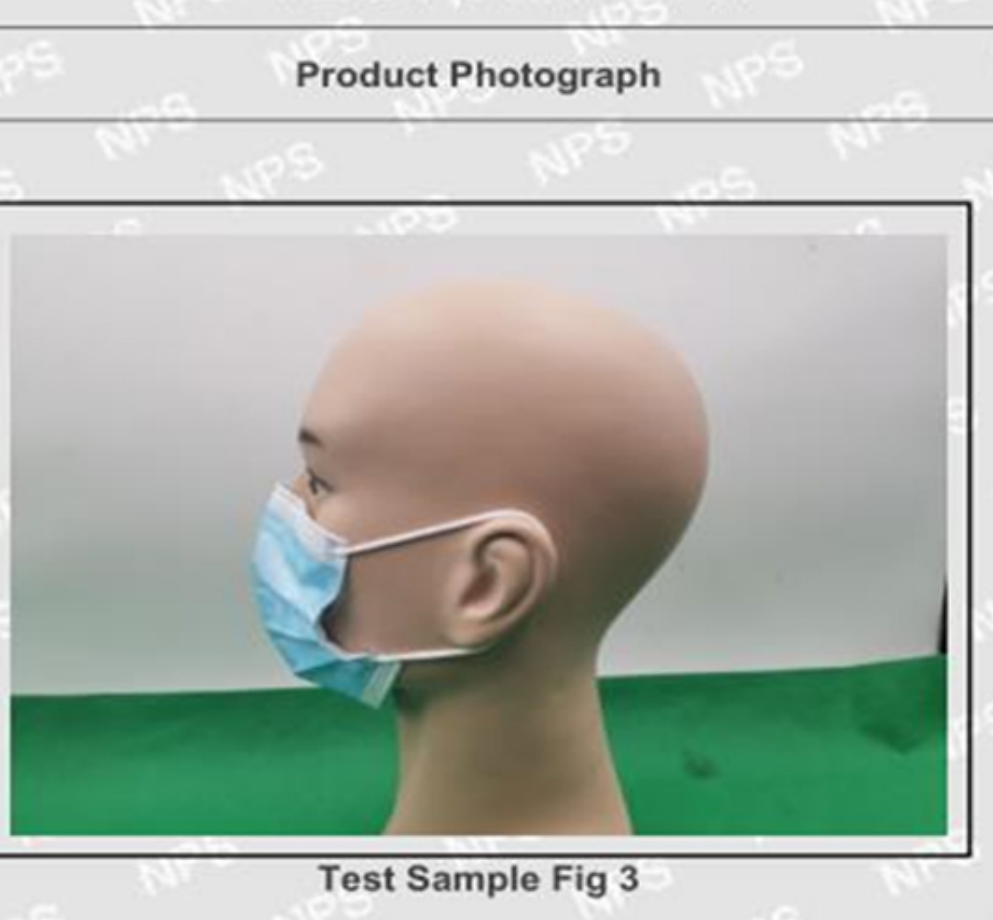
TEST REPORT

Product Photograph



Test Sample Fig 1



Test Sample Fig 2

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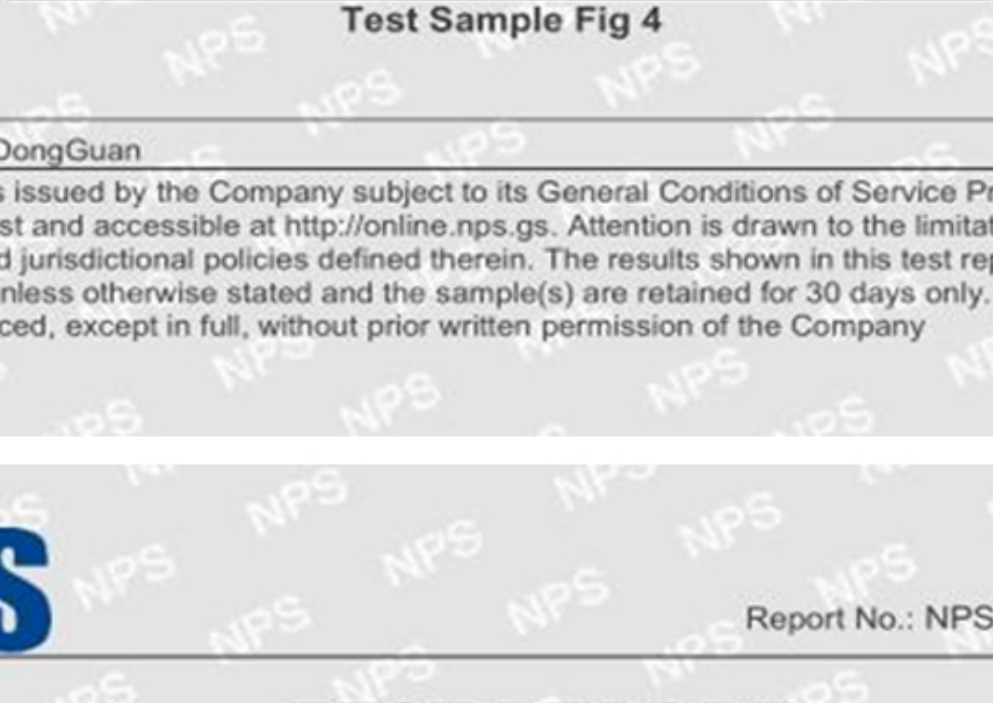
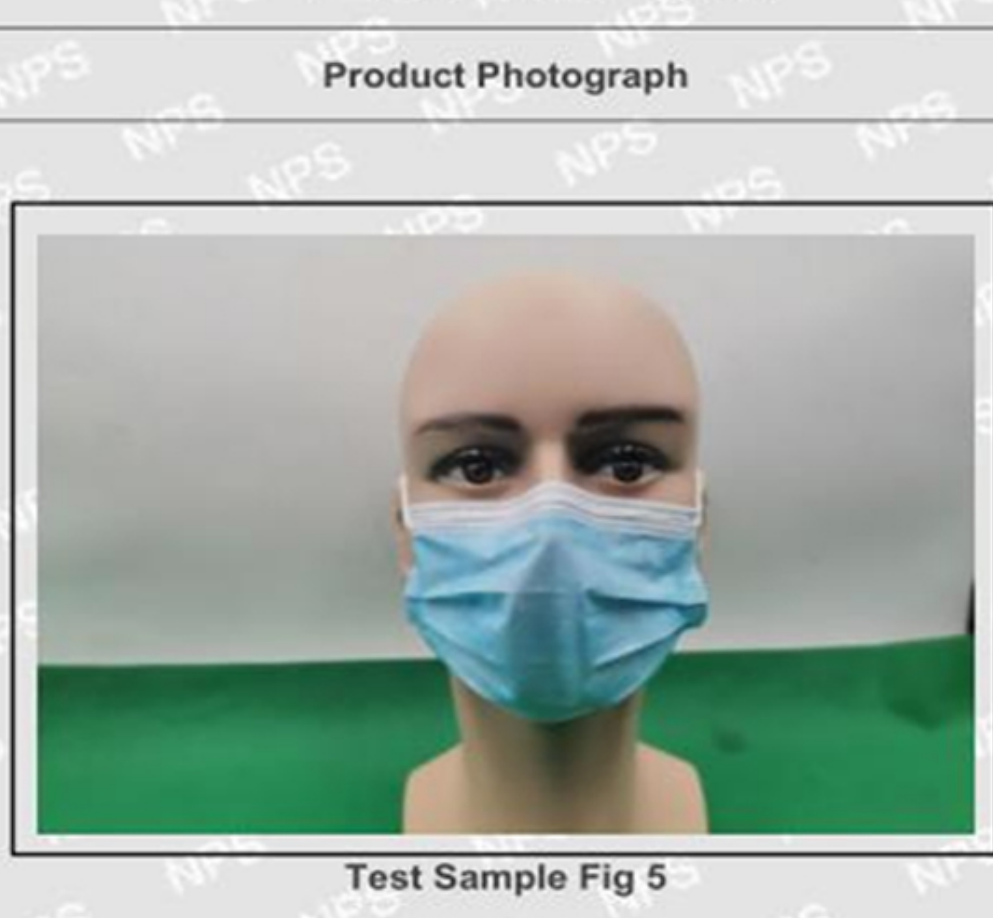
TEST REPORT

Product Photograph



Test Sample Fig 3



Test Sample Fig 4

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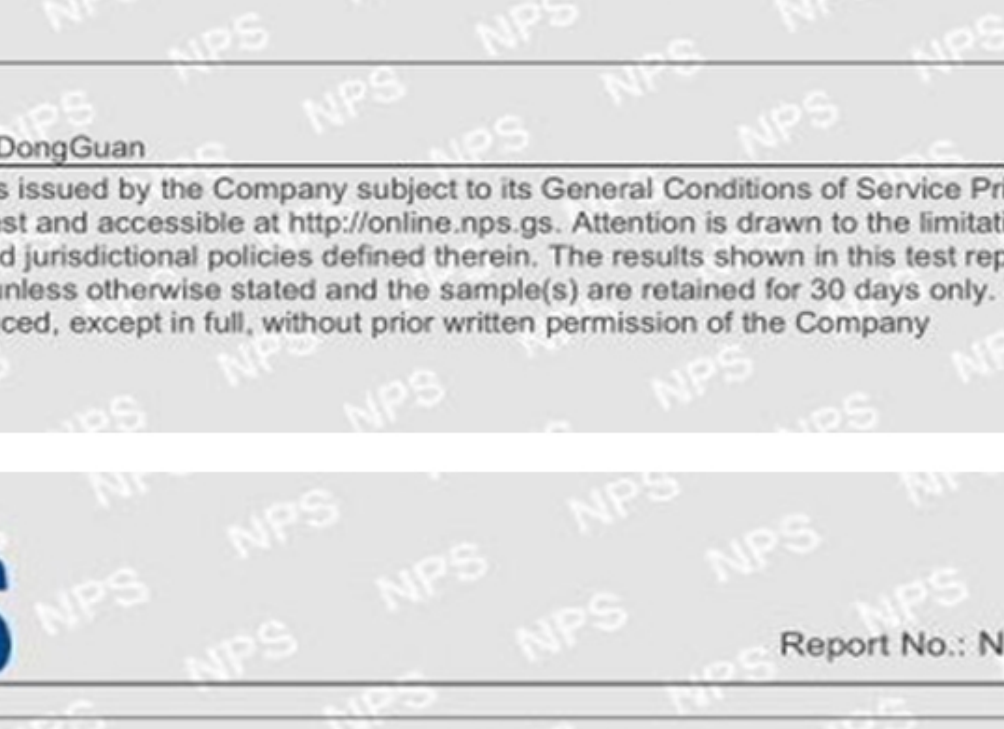
TEST REPORT

Product Photograph



Test Sample Fig 5

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CE Label

1. The CE conformity marking must consist of the initials'CE'taking the following form: If the CE marking is reduced or enlarged, the proportions given in the above graduated drawing must be respected.
2. The CE marking must have a height of at least 5 mm except where this is not possible on account of the nature of the apparatus.
3. The CE marking must be affixed to the product or to its data plate. Additionally it must be affixed to the packaging, if any, and to the accompanying documents.
4. The CE marking must be affixed visibly, legibly and indelibly.It must have the same height as the initials'CE'Proposed Label Location on EUT

EUT Bottom View/proposed CE Mark Location

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※※※End of Report※※※

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