



Republic of the Philippines
DEPARTMENT OF LABOR AND EMPLOYMENT
OCCUPATIONAL SAFETY AND HEALTH CENTER

North Avenue corner Sen. Miriam P. Defensor-Santiago Avenue
Diliman, Quezon City



SAFETY CONTROL DIVISION
PPE TESTING AND ASSESSMENT PROCEDURE
SAFETY SPECTACLES/GOGGLES/FACESHIELD TEST RESULTS

OSHC-QF-SCD-PPE-13
Revision No.: 07
Effective: July 9, 2025

Request Reference Code: **PPE-SSPECS-2025-091**

BRAND NAME	NEUKING	MODEL :	NKY21-P-C
TYPE	SAFETY SPECTACLES		
MANUFACTURER / DISTRIBUTOR	KING'S SAFETYNET INC.		
ADDRESS	849 O.L. LIONGSON BLDG., TOMAS MAPUA ST., STA. CRUZ, MANILA		
Lens Material	Polycarbonate Material	Testing Standard: Occupational Safety and Health Standards Rule 1080: Personal Protective Equipment and Devices Reference Standard: ANSI/ISEA Z87.1 - 2015 American National Standard for Occupational and Educational Personal Eye and Face Protection Devices	
Lens Shade or Color	Clear		
Temple Type	Fixed Length		
Temple Color	Transparent Pink		

A. HIGH MASS IMPACT TEST

Specimen Number		Lens Thickness mm	Remarks	Criteria
1	Left	2.31	PASSED No Failing Criteria	A complete device shall fail if any of the following is observed after impact: 1. Any part becomes detached from the inner surface 2. Fracture 3. Penetration of inner surface / rupture of the inner surface 4. Lens not retained
	Right	2.31		
2	Left	2.30		
	Right	2.35		
3	Left	2.29		
	Right	2.31		

B. IGNITION TEST

Specimen Number	Test Temperature °C	Observations	Remarks	Criteria
1	650	No ignition or glow.	PASSED	Each externally exposed material of protector (exclusive of textiles or elastic bands) shall not ignite or continue to glow once the heated rod is removed.



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C. REFRACTIVE POWER, ASTIGMATISM, RESOLUTION AND PRISMATIC POWER TESTS

Optical Tests		Measurements and Observations	Remarks	Criteria
Refractive Power	Left	-0.015	PASSED	The tolerance for the refractive power of the lenses shall not exceed ± 0.06 diopter (D)
	Right	-0.02		
Astigmatism	Left	0.03	PASSED	The tolerance for astigmatism of the lenses shall be ≤ 0.06 diopter (D)
	Right	0.04		
Resolving Power	Left	All lines were resolved	PASSED	Identify the three (3) discernible lines in both the horizontal and vertical axes of test pattern 20
	Right	All lines were resolved		
Prismatic Power	Left	0.10	PASSED	The prismatic power of the protector shall be ≤ 0.50 prism diopters (Δ)
	Right	0.15		

D. CORROSION RESISTANCE TEST OF METAL COMPONENTS

Specimen Number	Test Requirements	Observations	Remarks	Criteria
1	Metal parts shall be submerged in the boiling solution (10% by weight of sodium chloride in water) for a period of fifteen minutes. Upon removal, shall be immediately immersed in room temperature saline solution. Allowed to dry for 24 hours at room temperature.	No corrosion on metal components.	PASSED	Metal components used in protectors shall be corrosion resistant to the degree that the function of the protector shall not be impaired by the corrosion and the protector can be worn as intended.

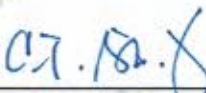
REMARKS:

- The specimens **PASSED** the requirements of ANSI/ISEA Z87.1 - 2015 for High Mass Impact Test, Ignition Test, Refractive Power Test, Astigmatism, Resolving Power Test, Prismatic Power Test, and Corrosion Resistance Test.
- This Final Test Result shall have a validity of two (2) years.

Test Conducted By:


MR. RONALD R. MATEO
Engineering Assistant

Approved By:


ENGR. CONCEPCION T. STO. TOMAS
Division Chief - Safety Control Division


ENGR. JOSE MARIA S. BATINO
Executive Director



JULY 28, 2025