

Republic of the Philippines DEPARTMENT OF LABOR AND EMPLOYMENT Occupational Safety and Health Center



North Avenue corner Agham Road, Diliman, Quezon City

SAFETY CONTROL DIVISION PPE TESTING AND ASSESSMENT PROCEDURE

OSHC-QF-SCD-PPE-13
Revision No.: 01

Effective: January 14, 2019

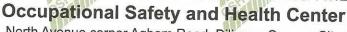
SAFETY SPECTACLES/GOGGLES/FACESHIELD TEST RESULTS

Request Reference Code: **BRAND NAME** Neuking MODEL: NKY21-O-C **TYPE** Safety Spectacles DISTRIBUTOR King's Safetynet Inc. **ADDRESS** 849 O.L. Liongson Bldg., Tomas Mapua St., Sta. Cruz, Manila Lens Material: Polycarbonate Remarks: Lens Shade or Color: Clear Lens **Testing Standard:** Occupational Safety and Health Standards Temple Type: Fixed Length Temple Color: Orange Rule 1080: Personal Protective Equipment and Devices Frame Type/Material: Frame Color: Based on ANSI/ISEA Z87.1 - 2015 American National Standard Other Information: Occupational and Educational Personal Eye and Face Protection Devices A. HIGH MASS IMPACT TEST SPECIMEN NUMBER THICKNESS REMARKS CRITERIA mm Left 1.95 A complete device shall fail if any of the following is observed after Right 1.96 Left 1.91 **PASSED** 1. Any part becomes detached from the inner surface 2 Right 1.94 No Failing Criteria 2. Fracture Left 1.95 3. Penetration of inner surface / rupture of the inner surface Right 1.94 4. Lens not retained **B. IGNITION TEST** TEST SPECIMEN TEMPERATURE **OBSERVATIONS** REMARKS CRITERIA NUMBER Each externally exposed material of protector (exclusive of textiles No ignition or glow 1 650 **PASSED** or elastic bands) shall not ignite or continue to glow once the was observed heated rod is removed.





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	10 May 20 PM			in the	11 L-001 L00-2020-022
C. REF	RACTIVE PO	WER, ASTIG	MATISM, RESOLUTION A	ND PRISMATIC PO	OWER TESTS
OPTICAL TESTS		MEASUREMENTS / OBSERVATIONS	REMARKS	CRITERIA	
Refractive Power		Left	- 0.04 (D)	PASSED	The tolerance for the refractive power of the lenses shall not exceed ± 0.06 diopter (D)
		Right	- 0.03 (D)		
Astigmatism		Left	0	PASSED	The tolerance for astigmatism of the lenses shall be ≤ 0.06 diopter (D)
		Right	0		
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	0.20 (△)	PASSED	The prismatic power of the protector shall be ≤ 0.50 prism diopters (\triangle)
		Right	0.10 (△)		
D. COR	ROSION RES	SISTANCE TH	EST OF METAL COMPONE	ENTS	3-
SPECIMEN NUMBER	TEST REQUIREMENTS		OBSERVATIONS	REMARKS	CRITERIA
3	the boiling s weight of so water) for a minutes. Upor immediately room temperatu Allowed to di	all be submerger colution (10% by dium chloride in period of fifteen a removal, shall immersed in the ure saline solution for 24 hours a emperature.	No corrosions on metal parts were observed	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.

COMMENTS:

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.

Test Conducted By:

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Vina O. Cadelina

MS. VINIA O. CADELINA

Noted By:

Engineering Assistant

ENGR. CONCEPCION T. STO. TOMAS

Chief, Safety Control Division

Miles.

ENGR. RAMON B. FERNANDO

Engineer III

Date:

JULY 16, 2020

ENGR. NELIA G. GRANADILLOS OIC - Deputy Executive Director