



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
SAFETY SPECTACLES/GOGGLES/FACESHIELD TEST RESULTS

OSHHC-QF-SCD-PPE-13
Revision No.: 05
Effective: December 02, 2022

Request Reference Code: **PPE-SSPECS-2024-071**

BRAND NAME	DELTA PLUS	MODEL :	BRAVA2
TYPE	SAFETY SPECTACLES		
MANUFACTURER / DISTRIBUTOR	DELTAPLUS PHILIPPINES INC.		
ADDRESS	0671 QUIRINO AVE., BRGY. SAN DIONISIO, PARAÑAQUE CITY		

Lens Material	Polycarbonate Material	Remarks: Testing Standard: Occupational Safety and Health Standards Rule 1080: Personal Protective Equipment and Devices Reference Standard: ANSI/ISEA Z87.1 - 2015 American National Standard Occupational and Educational Personal Eye and Face Protection Devices
Lens Shade or Color	Clear (AB)	
Temple Type	Fixed Length	
Temple Color	Transparent Clear	
Frame Type	----	
Frame Color	----	
Other Information:	This Final Test Result shall have a validity of two (2) years.	

A. HIGH MASS IMPACT TEST

Specimen Number		Lens Thickness mm	Remarks	Criteria
1	Left	2.02	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	2.12		
2	Left	2.05		
	Right	2.10		
3	Left	2.07		
	Right	2.14		

B. IGNITION TEST

Specimen Number	Test Temperature °C	Observations	Remarks	Criteria
1	650	No ignition or glow was observed	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	-0.01	PASSED	The tolerance for the refractive power of the lenses
	Right	-0.01		shall not exceed ± 0.06 diopter (D)
Astigmatism	Left	0	PASSED	The tolerance for astigmatism of the lenses
	Right	0		shall be ≤ 0.06 diopter (D)
Resolving Power	Left	All lines were resolved.	PASSED	Identify the three (3) discernible lines in both the
	Right	All lines were resolved.		horizontal and vertical axes of test pattern 20
Prismatic Power	Left	0.10	PASSED	The prismatic power of the protector
	Right	0.10		shall be ≤ 0.50 prism diopters (Δ)
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 was 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.				

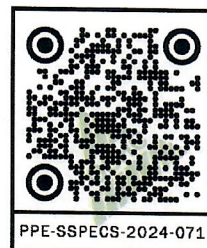
Test Conducted By:


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



PPE-SSPECS-2024-071

SEPTEMBER 10, 2024