



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**

SAFETY SPECTACLES/GOGGLES/FACESHIELD TEST RESULTS

Request Reference Code: **PPE-SSPECS-2017-040**

FM-SCD-PPE-016

BRAND NAME	DELTAPLUS	TYPE:	VULCANO2
TYPE	SAFETY SPECTACLES		
MANUFACTURER	Delta Plus Philippines, Inc.		
ADDRESS	2nd Floor, No. 83 Felix Manalo St., Cubao, Quezon City		

Lens Material: <u>Polycarbonate</u> Lens Shade or Color: <u>Clear</u> Temple Type: <u>Adjustable Length and Inclination</u> Temple Color: <u>Gray w/ Orange & Gray Anti-slip Skull Grip</u> Frame Type/Material: <u>Top shield</u> Frame Color: <u>Clear</u> Other Information: _____ _____	Remarks: Testing Standard: Occupational Safety and Health Standards Rule 1080: Personal Protective Equipment and Devices Based on ANSI/ISEA Z87.1 - 2015 American National Standard Occupational and Educational Personal Eye and Face Protection Devices
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A. HIGH MASS IMPACT TEST

Specimen Number	Lens Thickness mm	Remarks	Criteria
1	Left	2.01	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	2.10	
2	Left	2.22	
	Right	2.23	
3	Left	2.16	
	Right	2.20	
Passed No failing criteria.			

B. REFRACTIVE POWER TEST

Specimen Number	Diopter Measurement D	Remarks	Criteria
1	Left	0.01	The tolerance for the refractive power of the lenses shall not exceed ± 0.06 diopter (D)
	Right	0.01	
Passed			

C. 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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D. CORROSION RESISTANCE TEST OF METAL COMPONENTS			
Specimen Number	Observations	Remarks	Criteria
1	No corrosion on metal parts were observed.	Passed	Metal components shall be corrosion resistant.
COMMENTS: <p>The specimens passed the requirements of ANSI/ISEA Z87.1 - 2015 for High Mass Impact Test, Refractive Power Test, Ignition Test and Corrosion Resistance Test.</p>			

Test Conducted By:

geallo

ENGR. ABYGUEL M. MERCULLO
 Engineer II

R. Fernando

ENGR. RAMON B. FERNANDO
 Engineer II

Noted By:

C.T. Sto. Tomas

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

Date:

_____ **March 29, 2017**

for: NCB

NOEL C. BINAG, CE 4/5/17
 Executive Director