



SAFETY CONTROL DIVISION
PPE TESTING AND ASSESSMENT PROCEDURE
SAFETY SHOES TEST RESULTS

OSHC-QF-SCD-PPE-11
Revision No.: 06
Effective: February 3, 2025

Request Reference Code: **PPE-SSHOES-2025-182**

BRAND NAME	DELTA PLUS	MODEL :	COMO2 S1P
TYPE	LOW CUT		
MANUFACTURER/ DISTRIBUTOR	DELTAPLUS PHILLIPNES, INC.		
ADDRESS	0671 QUIRINO AVENUE, BARANGAY SAN DIONISIO, PARAÑAQUE CITY		

Shoe Size: 9 ☒ Men ☐ Women

Toe Cap Material: **STEEL**

Toe Cap Specifications: 50.2 mm, length 2.0 mm, thickness
42.5 mm, height 6.7 mm, flange

Midsole Device Material: **STEEL**

Midsole Device Thickness: **0.7 mm**

Testing Standard:
Occupational Safety and Health Standards
Rule 1080: Personal Protective Equipment and Devices

Reference Standard:
PNS-ASTM F2412:2016
PNS-ASTM F2413:2016

Note:
Safety Shoes Test Classification: Heavy Duty (Class "75")

A. IMPACT RESISTANCE TEST

Specimen Number	Impact Resistance Test Classification	Interior Height Clearance After Impact, mm	Remarks	Criteria
1	I-75	20.7	PASSED	The specimen shall have a minimum interior height clearance equal to or greater than the following: 12.7 mm for men's shoes & 11.9 mm for women's shoes
2		19.6		
3		19.3		

B. COMPRESSION RESISTANCE TEST

Specimen Number	Compression Resistance Test Classification	Interior Height Clearance After Compression, mm	Remarks	Criteria
1	C-75	21.3	PASSED	The specimen shall have a minimum interior height clearance equal to or greater than the following: 12.7 mm for men's shoes & 11.9 mm for women's shoes
2		20.7		
3		19.2		

C. MIDSOLE DEVICE PUNCTURE RESISTANCE TEST

Specimen Number	Minimum Puncture Resistance	Puncture Resistance kgf	Remarks	Criteria
1	122.5 kgf	158	PASSED	The puncture resistant device shall pass if the tip of the test pin does not visually penetrate beyond the face of the material nearest the foot, after an applied force of 122.5 kgf.
2		159		
3		158		



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D. ELECTRICAL RESISTANCE TEST

Specimen Number	Test AC Voltage volts	Leakage Current mA	Remarks	Criteria
1	18,000		Test Not Conducted	Electrically resistant protective footwear must be able to withstand an application of 18,000 volts for 1 minute with no leakage current in excess of 1 mA.
2				
3				

E. STATIC DISSIPATIVE TEST

Specimen Number	Test DC Voltage volts	Electrical Resistance megaohm (MΩ)	Remarks	Criteria
1	50	33.96	PASSED	The pair of footwear shall have a lower limit electrical resistance of $10^6 \Omega$ (1 megaohm) and have an upper electrical resistance of $10^8 \Omega$ (100 megaohms).
2		29.30		
3		27.57		

REMARKS:

- The specimens **PASSED** the requirements of PNS ASTM F 2412:2016 and PNS ASTM F 2413:2016 for Impact Resistance test, Compression Resistance test, Midsole Device Puncture Resistance test, and Static Dissipative test.
- This Final Test Result shall have a validity of two (2) years.

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Test Conducted By:

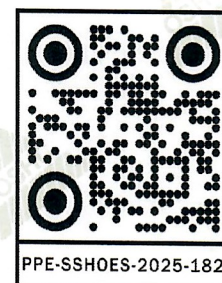
ENGR. ABYGUEL M. MELGAREJO

Engineer III

Approved By:

ENGR. CONCEPCION T. STO. TOMAS

Division Chief - Safety Control Division



PPE-SSHOES-2025-182

MAY 28, 2025

ENGR. JOSE MARIA S. BATINO

Executive Director