



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

OSHC-QF-SCD-PPE-11
Revision No.: 08
Effective: November 26, 2025

Request Reference Code: **PPE-SSHOES-2025-404**

BRAND NAME	NEUKING	MODEL :	NK63
TYPE	HIGH CUT		
MANUFACTURER/DISTRIBUTOR	KING'S SAFETYNET INC.		
ADDRESS	849 O.L. LIONGSON BLDG., TOMAS MAPUA ST., STA. CRUZ, MANILA		
Shoe Size: 9 ☒ Men ☐ Women		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")	
Toe Cap Material: <u>STEEL</u>			
Toe Cap Specifications: 40.7 mm, length 2.0 mm, thickness 39.5 mm, height 7.4 mm, flange			
Midsole Device Material: <u>STEEL</u>			
Midsole Device Thickness: <u>0.7 mm</u>			

A. IMPACT RESISTANCE TEST				
Specimen Number	Impact Resistance Test Classification	Interior Height Clearance After Impact, mm	Remarks	Criteria
1	I-75	20.6	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		20.0		
3		20.2		
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		20.6		
3		20.0		
C. MIDSOLE DEVICE PUNCTURE RESISTANCE TEST				
Specimen Number	Minimum Puncture Resistance	Puncture Resistance kgf	Remarks	Criteria
1	122.5 kgf	170	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		170		
3		170		



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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	45.30	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		33.25		
3		25.04		

REMARKS:

1. 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.
2. This Final Test Result shall have a validity of two (2) years.

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Test Conducted By:

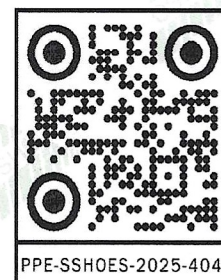
MR. MARION A. VILLEGAS

Engineering Assistant

Approved By:

ENGR. ABYGUEL M. MELGAREJO

Engineer III - Safety Control Division



DECEMBER 05, 2025

ENGR. JOSE MARIA S. BATINO

Executive Director