

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 SHOES TEST RESULTS

FM-SCD-PPE-014	i.	Mar.	Req	uest Reference Code: PPE-SSHOES-2017-051	
BRAND NAME		LUS MODEL:GAR	GAS2 ISO 18KV	TYPE: HIGH CUT	
MANUFACTUR	RER DELTA	PLUS PHILIPPINI	ES, INC.	THEITEGT	
ADDRESS	2nd FLC	OOR, NO. 83 FELI	X MANALO ST	., CUBAO, QUEZON CITY	
Shoe Size: Toe Cap Material: Toe Cap Specifica	+	N.C.		Remarks: Testing Standard: Occupational Safety and Health Standards Rule 1080: Personal Protective Equipment and Device Based on PNS-ASTM F2412:2016 and	
Mid-Sole Device M	Material: C	COMPOSITE Thickness 4.2 mm			
Manufacturing Pro Direct Vulc Goodyear Injection M	canized Welt	☐ Cement ☐ Others, specify:		PNS ASTM F2413:2016 Safety Shoes Test Classification: Class 75	
A. IMPACT RE	SISTANCE TE	ST			
Specimen Number	Impact Resistance Test Classification	Interior Height Clearance After Impact, mm	REMARKS	CRITERIA	
1		26.3		The specimen shall have a minimun interior height clearance of	
2	I-75	26.0	PASSED	equal to or greater than the following:	
3	MIN.	26.0		12.7 mm for men's shoes and 11.9 mm for women's shoes	
B. COMPRES	SION RESISTA	ANCE TEST			
Specimen Number	Compression Resistance Test Classification	Interior Height Clearance After Compression, mm	REMARKS	CRITERIA	
1	4	24.2	PASSED	The specimen shall have a minimun interior height clearance of	
2 .	C-75	27.4		equal to or greater than the following:	
3	A STATE OF THE PARTY OF THE PAR	26.0	\$21.	12.7 mm for men's shoes and 11.9 mm for women's shoes	
C. MIDSOLE F	UNCTURE RE	SISTANCE TEST	, , , , , , , , , , , , , , , , , , , ,	No.	
Specimen Number	Minimum Puncture Resistance Requirement	Puncture Resistance kgf	REMARKS	CRITERIA	
1	30	175	1000	The puncture resistant device shall pass if the tip of the test pin	

PASSED



122.5 kgf



183

200





100-

does not visually penetrate beyond the face of the material

nearest the foot, after an applied force of 122.5 kgf.

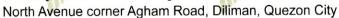
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D. ELECTRICAL RESISTANCE TEST			图图 (A 181)		
			9	07/11/	211
Specimen Number	Test Voltage V-AC	Leakage Current mA	REMARKS	CRITER	A
1	0.5 18,000 v 0.5		Electrically resistant protective footwear must be		tive footwear must be able
2			PASSED	to withstand an application of 18,000 volts for 1 minute	
3		0.5		with no leakage current in	excess of 1 mA.
E. STATIC D	ISSIPATIVE TES	T		07.1	
Specimen Number	Test Voltage V-DC	Elec <mark>tr</mark> ical Resistance Megaohms	REMARKS	CRITERIA	
§3· 1	3		TEST NOT		6
2	50 v		CONDUCTED	1 Megaohm to 100 Megaohms	
3					

COMMENTS:

The specimens passed the requirements of PNS ASTM F 2413:2016 for Impact Resistance, Compression Resistance, Midsole Puncture Resistance and Electrical Resistance tests.

Test Conducted By:

MARION A. VILLEGAS Engineering Assistant ENGR. DENNIS C. AQUINO
Engineer IV

Date:

Noted By:

ENGR. CONCEPCION T. STO. TOMAS

Chief, Safety Control Division

27 MARCH 2017

NOEL C. BINAG, CE

Executive Director

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May.