



PRECISION TESTING LABORATORIES, INC.

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Laboratory Report No. 47704
 1-Mar-21

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 Zona 12 Guatemala
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Cc: Ms. Corina Castellanos

PO#: n/a

Item: Three (3) pair of footwear

Identification: Style: RHINO RUBBER WITH STEEL TOE (66027)
 Also Covers Style #'s: 66013, 66012, 66008 (as stated by client)
 Size: 42 (equivalent to size 9 US per client)
 Gender: Men's

Purpose: Impact Resistance, Compression Resistance, Electric Hazard Resistance; ASTM F 2412-18a/ASTM F2413-18

Test	Unit of Measure	Specimen Results			Average	Requirements	Pass / Fail
Impact Resistance							
<u>ASTM F 2412-18a</u>							
Male							
<u>ASTM F 2413-18</u>							
	Resistance, in.	0.606	0.580	0.667	0.618	0.500 min.	Pass
	Velocity, in./sec	118.1	118.1	118.1	118.1	117.9±2.4"sec.	Pass
Compression Resistance							
<u>ASTM F 2412-18a</u>							
<u>ASTM F 2413-18</u>							
	Resistance, in.	0.809	0.838	0.905	0.851	0.500 min.	Pass
Electric Hazard Resistance							
<u>18kv for 1 minute</u>							
<u>ASTM F 2412-18a</u>							
<u>ASTM F 2413-18</u>							
	Begin, mA.	0.21	0.24	0.20	0.22	1.0 mA max.	Pass
	End, mA.	0.23	0.24	0.21	0.23	1.0 mA max.	Pass

Footwear complies with the performance requirements of ASTM F 2412 / 2413 for Protective Footwear in the categories tested above.

Test Note: The test specimens were conditioned and tested in accordance with ASTM F2412-18a Standard Conditions of 22°C (± 2°C) and 50% RH (± 5%).

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Signed: 
Eric Olson, President

Signed: 
Suzanne Piispanen, COO