TRECK S.A.
AVENIDA SANTA ROSA 5220,SAN JOAQUIN, SANTIAGO, Chile

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description	:	A. Three pairs of boots in brown B. Four pairs of non-metallic anti-penetration midsole
Buyer	:	V-POWER
Style Number	:	V301
Last No	:	Injection, Rubber+pu
Country of Origin	:	China
Goods Exported to	:	Chile
Construction	:	Injection
Protective toe cap	:	Composite Toe cap
Protective insole	:	Non-metallic anti-penetration midsole
Upper	:	Brown cow leather
Vamp Lining	:	Brown suede
Quarter Lining	:	Brown suede
Counter Lining	:	Brown suede
Insock(foot-bed)	:	Pig Skin+PU
Sole (Midsole & Outsole)	:	Rubber+pu
Gender & Size	:	Men's US 9
Judgment Accordance	:	ASTM F2413-18
Test Performance/ Standard	:	See Testing Results Page
Sample Receiving Date	:	Jul 11, 2023
Testing Period	:	Jul 11, 2023 - Jul 17, 2023
Test Result(s)	:	Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Asan Huang(Approved Signatory)

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SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Footwear Laboratory

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Conclusion	A	B	Remark
Impact Resistance	PASS	-	
Compression Resistance	PASS	-	
Electric Hazard Resistance	PASS	-	
Puncture Resistance	-	PASS	
Flexing Resistance For Puncture Resistance Plates	-	PASS	

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Test Result

Impact Resistance

(ASTM F2412-18a, Clause 5;Impact energy:101.75 J)

A(Left)

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	17.8	17.7	Min. 12.7 mm

Conclusion **PASS**

A(Right)

	No. 3	Requirement	
Internal Height Clearance(mm)	17.3	Min. 12.7 mm	

Conclusion **PASS**

Compression Resistance

(ASTM F2412-18a, Clause 6;Compression load: 2500 lbf)

A(Left)

	No. 1	Requirement	
Internal Height Clearance(mm)	26.6	Min. 12.7 mm	

Conclusion **PASS**

A(Right)

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	26.9	25.3	Min. 12.7 mm

Conclusion **PASS**

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Electric Hazard Resistance

(ASTM F2412-18a, Clause 9;Test Voltage: 18 kV at 60 Hz; Test Period: 1 min)

A(Left)

	No. 1	No. 2	Requirement
Leakage Current(mA)	0.2	0.2	Max. 1.0 mA

Conclusion **PASS**

A(Right)

	No. 3	Requirement	
Leakage Current(mA)	0.2	Max. 1.0 mA	

Conclusion **PASS**

Puncture Resistance

(ASTM F2412-18a, Clause 11.5)

B

	No. 1	No. 2	No. 3	Requirement
Assessment	No Visually penetration.	No Visually penetration.	No Visually penetration.	See Remark

Conclusion **PASS**

emark: When viewed at 90°angle, the tip of the test pin does not visually penetrate beyond the face of the material nearest the foot, after an applied force of 1200N

Flexing Resistance For Puncture Resistance Plates

(ASTM F2412-18a, Clause 11.7)

B

	No. 1	No. 2	No. 3	Requirement
Assessment	No Visible Signs of Cracking	No Visible Signs of Cracking	No Visible Signs of Cracking	See Remark

Conclusion **PASS**

Remark: The specimen shall show no visible signs of delamination of layers or cracking after 1.5 x 10^6 flexes.

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Sample Photo





Product information is provided by applicant without verification or authentication of the brand.

The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report

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