

TEST REPORT

Report No.: 66.430.25.2566.01

Dated: 2025-08-15



中国认可
国际互认
检测
TESTING
CNAS L7038



Applicant: Vicsa Safety Comercial Ltda.
Address: Av.del Valle Norte 787 Huechuraba, Santiago, CHILE

Sample Submitted: The Sample(s) and Its (Their) Information(s) Was (Were) Submitted by Applicant and Identified.
A. Black men's safety shoes (the whole shoes/QT458) - US 9 - 3 pairs
B. Black men's safety shoes (the whole shoes/QU428) - US 9 - 3 pairs
C. White/Blue non-metallic inserts - 6 pieces

Sample Description: SAFETY SHOES
Colour: Black
Style No.: QU428
QT458

Sample Received Date: 2025-08-07
Date of Testing: 2025-08-07 to 2025-08-14

Test Result(s): Refer to the Section 2 and 3

Note:

- (1) Each order is subject to acceptance of our [General Terms and Conditions](#) and the [TÜV SÜD Testing, Certification, Validation and Verification Regulation](#), in the version valid at the time the contract is concluded. For full version of above both documents, please visit the link to view.
- (2) The results in this report are relevant only to the sample(s) tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory.
- (4) Disclaimer Measurement Uncertainty:
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 or CNAS-GL015:2022.
- (5) The testing report without CMA stamp is not legally binding and could only be used as internal reference material for the applicant. It shall not be provided as a notarial certification.

Laboratory:
TÜV SÜD Certification and Testing
(China) Co., Ltd. Xiamen Branch
Testing Location: Xiamen
Form No.: TC_XMN_F_24.04 E
Rev:03
Effective Date:2024-10-23

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1. Test Sample Photo(s)



Sample A



Sample B

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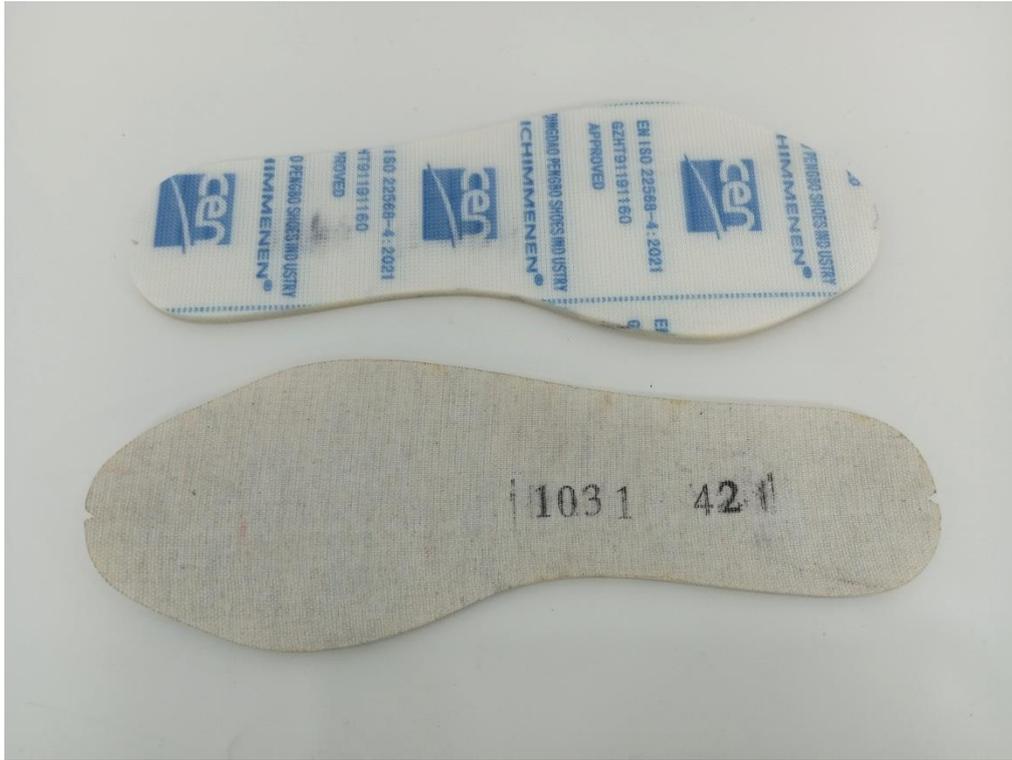
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Sample C

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2. Conclusion

No.	Test Parameter(s)	Conclusion
1.	Impact Resistant Footwear (I)	Pass
2.	Compression Resistant Footwear (C)	Pass
3.	Electric Hazard Resistant Footwear (EH)	Pass
4.	Puncture Resistant Footwear (PR)	Pass
5.	Flex Resistance of Puncture Resistant Device	Pass

Note: Pass= Meet Requirement
#= No Comment
N/A = Not Applicable

Fail= Below Requirement
- = Did Not Perform

Remark: (1) Samples are tested as received.

TÜV SÜD Certification and Testing (China) Co., Ltd. Xiamen Branch

Reviewed by:



Approved by:

Stacey Yang
Softlines Department

Damon Zheng
Softlines Department

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3. Test Results

3.1 Impact Resistant Footwear (I) (ASTM F2413-24 Clause 5.2, ASTM F2412-24 Clause 5)

Test condition: (22 ± 2) °C x (50 ± 5) %RH x 24 Hours

Impact energy: 101.7 J

Sample	Size	Parameters	Results (mm)	Requirement	Conclusion
A	9	Left	17.4	Min. 12.7 mm	Pass
		Right	18.0		
		Right	17.9		
B	9	Left	19.5	Min. 12.7 mm	Pass
		Right	19.2		
		Left	20.9		

3.2 Compression Resistant Footwear (C) (ASTM F2413-24 Clause 5.3, ASTM F2412-24 Clause 6)

Test condition: (22 ± 2) °C x (50 ± 5) %RH x 24 Hours

Compression load: 11,121 N

Sample	Size	Parameters	Results (mm)	Requirement	Conclusion
A	9	Left	27.1	Min. 12.7 mm	Pass
		Right	27.0		
		Right	26.8		
B	9	Left	25.6	Min. 12.7 mm	Pass
		Right	24.8		
		Right	25.6		

3.3 Electric Hazard Resistant Footwear (EH) (ASTM F2413-24 Clause 5.6, ASTM F2412-24 Clause 9)

Test Condition: (22 ± 2) °C x (50 ± 5) %RH x 24 Hours

Internal electrode: Steel balls of 3 - 5 mm diameter

Test voltage (AC): 18 kV

Test period: 1 minute

Sample	Size	Parameters	Results (mA)	Requirement	Conclusion
A	9	Left	0.4	Max. 1.0 mA	Pass
		Right	0.3		
		Left	0.4		
B	9	Left	0.4	Max. 1.0 mA	Pass
		Right	0.5		
		Left	0.4		

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3.4 Puncture Resistant Footwear (PR) (ASTM F2413-24 Clause 5.8, ASTM F2412-24 Clause 11)

Test condition: (22 ± 2) °C x (50 ± 5) %RH x 24 Hours

Sample	Specimen	Results			Requirement	Conclusion
		Test 1	Test 2	Test 3		
C	1	No penetration	No penetration	No penetration	Not visually penetrate after 1200 N	Pass
	2	No penetration	No penetration	No penetration		
	3	No penetration	No penetration	No penetration		

3.5 Flex Resistance of Puncture Resistant Device (ASTM F2413-24 Clause 5.8.8, CSA Z195-14 Clause 6.3.2)

Sample	Specimen	Parameters	Results	Requirement	Conclusion
C	1	After 1.5 x 10 ⁶ flexes	No signs of delamination of layers or cracking	No signs of delamination of layers or cracking	Pass
	2	After 1.5 x 10 ⁶ flexes	No signs of delamination of layers or cracking		
	3	After 1.5 x 10 ⁶ flexes	No signs of delamination of layers or cracking		

-- END OF THE TEST REPORT --