JIANGSU LANGFENG SAFETY & PROTECTION TECH CO.,LTD
BUILDING 18, ZHONGKE ROAD, 699,QIDONG, JIANGSU,China

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

Sample Description	:	A:Three pairs of shoes in black B:1.5 pairs of steel plate
Buyer	:	Safetoe
Brand	:	Safetoe
Manufacturer	:	Safetoe
Style Name	:	M - 8025
Gender & Size	:	Men's US 9
Protective toe cap	:	Steel Toecap
Protective insole	:	Steel Plate
Upper	:	Black Smooth Cow Leather
Vamp Lining	:	Sandwich Mesh
Quarter Lining	:	Sandwich Mesh
Counter Lining/ Heel Area Lining	:	Sandwich Mesh
In-sock (foot-bed)	:	Memory Foam
Sole (Midsole & Outsole)	:	PU/PU
Is this a retest?	:	No
Judgment Accordance	:	ASTM F2413-24
Test Performance/ Standard	:	See testing results page
Sample Receiving Date	:	Aug 13, 2025
Testing Period	:	Aug 13, 2025 - Aug 20, 2025
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)

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center Textile & Footwear Laboratory

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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075169 sgs.china@sgs.com
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Conclusion	A US 9#	B US 9#	Remark
Protective Toe Impact Resistance	PASS	-	
Protective Toe Compression Resistance	PASS	-	
Static Dissipative	PASS	-	
Puncture Resistance	-	PASS	

SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Leather & Footwear Laboratory

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Test Result

Performance Requirements for Protective (Safety) Toe Cap Footwear
ASTM F2413-24

Protective Toe Impact Resistance
(ASTM F2412-24, Clause 5;Impact energy:101.75 J)
A US 9#(Left)

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	15.8	17.3	Min. 12.7 mm

Conclusion **PASS**

A US 9#(Right)

	No. 3	Requirement
Internal Height Clearance(mm)	16.9	Min. 12.7 mm

Conclusion **PASS**

Protective Toe Compression Resistance
(ASTM F2412-24, Clause 6;Compression load: 2500 lbf)
A US 9#(Left)

	No. 1	Requirement
Internal Height Clearance(mm)	19.8	Min. 12.7 mm

Conclusion **PASS**

A US 9#(Right)

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	20.4	19.5	Min. 12.7 mm

Conclusion **PASS**

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Static Dissipative
(ASTM F2412-24, Clause 10;Test Voltage: 50 V)
A US 9#

	No. 1	No. 2	No. 3	Requirement
Electrical Resistance (Left)(MΩ)	36.8	32.6	38.9	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	33.9	29.3	32.1	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	21.5	21.3	25.6	SD 100: 1 ~ 100 MΩ

Conclusion **PASS**

Puncture Resistance
(ASTM F2412-24, Clause 11.5)
B US 9#

	No. 1	No. 2	No. 3	Requirement
Assessment (Specimen 1)	No visually penetration	No visually penetration	No visually penetration	See Remark
Assessment (Specimen 2)	No visually penetration	No visually penetration	No visually penetration	See Remark
Assessment (Specimen 3)	No visually penetration	No visually penetration	No visually penetration	See Remark

Conclusion **PASS**

Remark: 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

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Sample Photo

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.

End of Report

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