

SHANGHAI LANGFENG INDUSTRIAL CO., LTD.  
Room 910, Building 6, Shanghai, China

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

Sample Description : A. Three Pairs of Ankle Boots In Black  
B. Two Pairs of Composite Plates

Manufacturer : Shanghai Langfeng Industrial Co., Ltd.  
Ref. No. : M-8370  
Size : Men's US 9  
Construction : Injection  
Protective toe cap : Composite Toecap  
Protective insole : Kevlar Plate  
Upper : Cow Leather  
Vamp Lining : Sandwich Mesh  
Quarter Lining : Sandwich Mesh  
In-sock (foot-bed) : EVA Coated Mesh  
Sole (Midsole & Outsole) : PU/Rubber  
Standards : ASTM F2413-18

Sample Receiving Date : Nov 26, 2020  
Testing Period : Nov 26, 2020 - Dec 02, 2020  
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).

Test Performed : Selected test(s) as requested by applicant

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



Asan\_Huang(Approved Signatory)



Conclusion	A Size 9#	B	Remark
Impact Resistance	PASS	-	
Compression Resistance	PASS	-	
Electric Hazard Resistance	PASS	-	
Puncture Resistance	-	PASS	



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Test Result

**Impact Resistance**

(ASTM F2412-18a, Clause 5;)

**A Size 9#**

	No. 1	No. 2	No. 3	Average	Requirement
Internal Height Clearance(mm)	21.3	21.5	20.5	21.1	Min. 12.7 mm

**Conclusion**

**PASS**

**Compression Resistance**

(ASTM F2412-18a, Clause 6;)

**A Size 9#**

	No. 1	No. 2	No. 3	Average	Requirement
Internal Height Clearance(mm)	25.1	24.9	24.8	24.9	Min. 12.7 mm

**Conclusion**

**PASS**

**Electric Hazard Resistance**

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

**A Size 9#**

	No. 1	No. 2	No. 3	Average	Requirement
Leakage Current(mA)	0.2	0.2	0.2	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 Unit)	No Visually penetration	No Visually penetration	No Visually penetration	See Remark

**Conclusion**

**PASS**

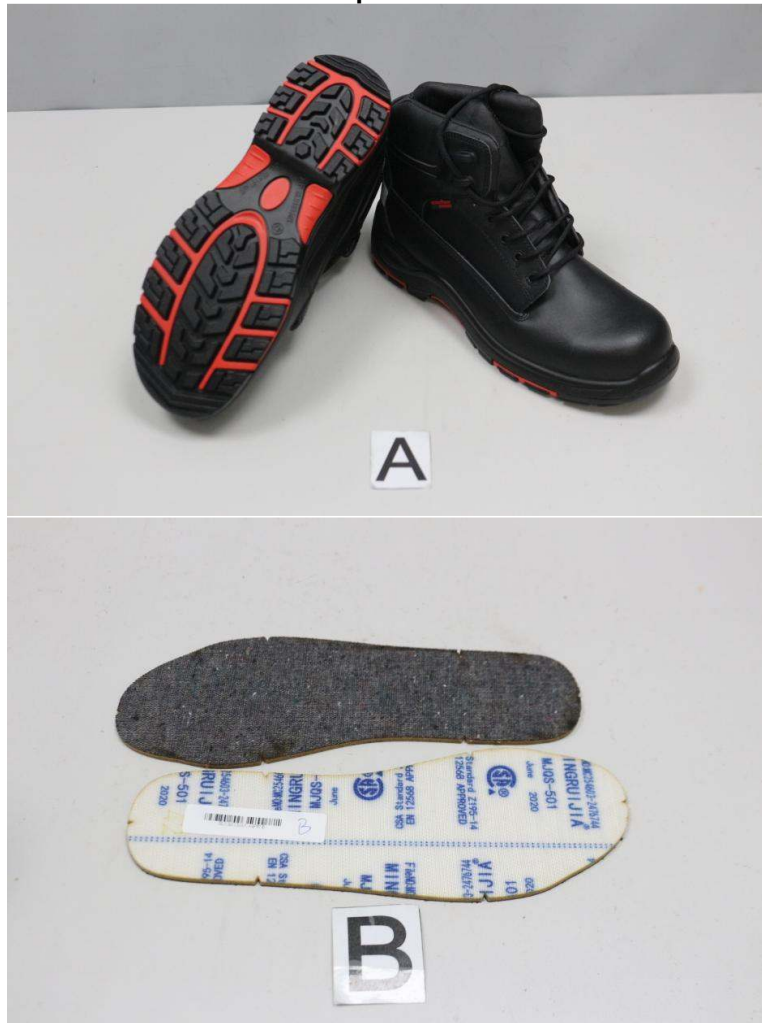
Remark: When viewed at 90°angle, the tip of the test pin does not visually penetrate beyond the face of the material nearest the foot, after an applied force of 1200N



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### Sample Photo



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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