

Test Report

SL92419305869001FW

Date: June 17, 2024 Page 1 of 7

Applicant: CORTINA NV
MEERSBLOEM- MELDEN 42,
9700 OUDENAARDE, BELGIUM

Attn: Peter De Mezure

The following products were identified on behalf of the client as:

Group Reference : X1100N79
LX1100N79 AH
Model(s) Description : X1100N79 Safety Ankle Boot in Black
LX1100N79 AH Safety Ankle Boot in Black

The following sample(s) was/were submitted for testing:

Sample Description : (A) One Pairs of Safety Ankle Boot in Black
(B) Three Pairs of Safety Ankle Boot in Black

Buyer's Name : CORTINA
Brand : SAFETY JOGGER
Manufacturer : CORTINA
Size : Men's US9
Model Name : (A)X1100N79
(B)LX1100N79 AH
Reference Number : /
Toecap : SJ Composite toecap 604
Puncture Resistant Device : SJ FLEX Composite Insert EH
Sole : PU+PU
Upper : (A) Black SJ Nappa Action Cow Leather
Black Buffalo Haircell WP Leather + Black SJ Nappa f Action Cow Leather
Collar : Black SJ Nappa PU
Tongue : Black Suede Microfiber
Vamp Lining : Black Teddy (Artificial Polyester Fur)
Quarter Lining : Black Teddy (Artificial Polyester Fur)
Counter Lining : Black Teddy (Artificial Polyester Fur)
Insole : SJ FLEX Composite Insert EH
In-sock (foot-bed) : Black SJFOAM2 Teddy
Standard : ASTM F2413-18 & ASTM F3445-21
Test Performance/
Standard : See testing results page

Sample Receiving Date : Jun 11, 2024
Testing Period : Jun 12, 2024 - Jun 17, 2024
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).



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Test Report

SL92419305869001FW

Date: June 17, 2024 Page 2 of 7

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

Asan Huang (Approved Signatory)

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Conclusion	B US 9#	Remark
Impact Resistance	P	
Compression Resistance	P	
Electric Hazard Resistance	P	
Slip Resistance	P	

Remark(s) : P = Meet Client's Requirement.
F = Below Client's Requirement.
= No Specified Requirement.
NA = Not Applicable.



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Test Result

Impact Resistance

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

B US 9#(Left)

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	16.8	17.8	Min. 12.7 mm

Conclusion

Pass

B US 9#(Right)

	No. 3	Requirement
Internal Height Clearance(mm)	17.6	Min. 12.7 mm

Conclusion

Pass

Compression Resistance

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

B US 9#(Left)

	No. 1	Requirement
Internal Height Clearance(mm)	24.2	Min. 12.7 mm

Conclusion

Pass

B US 9#(Right)

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	24.7	23.6	Min. 12.7 mm

Conclusion

Pass

Electric Hazard Resistance

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

B US 9#(Left)

	No. 1	No. 2	Requirement
Leakage Current(mA)	0.4	0.5	Max. 1.0 mA

Conclusion

Pass

B US 9#(Right)

	No. 3	Requirement
Leakage Current(mA)	0.4	Max. 1.0 mA

Conclusion

Pass



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Slip Resistance

(ASTM F2913-19; Lubricant: Distilled Water, Vertical Force: (500±25) N)

B-US 9# shoe 1 left	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.58	0.52	Min.0.40
Wet	-	0.44	0.45	Min.0.40
Conclusion		Pass		
B-US 9# shoe 2 right	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Wet Then Dry				
Coefficient of Friction				-
Dry	-	0.58	0.55	Min.0.40
Wet	-	0.44	0.45	Min.0.40
Conclusion		Pass		
B-US 9# shoe 3 left	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.59	0.55	Min.0.40
Wet	-	0.42	0.42	Min.0.40
Conclusion		Pass		

Remark:

- 1) The performance of slip resistance can be affected by surface roughness, presence of water, contaminants such as grease and other foreign materials, and floor surface wear over time.
- 2) Shoe Size: US 9



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Sample Photo



The sample has not been tested and provided by the client for reference only



Tested sample

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

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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Test Report

SL92419305869001FW

Date: June 17, 2024 Page 7 of 7

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