



中国认可
国际互认
检测
TESTING
CNAS L0167

Test Report

SL92519314266601FW

Date: June 23, 2025 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 : X0600
Model(s) Description : X0600 Safety Low Shoe in Black

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

Sample Description : Three Pairs of Safety Low shoe in Black

Buyer's Name : CORTINA
Brand : SAFETY JOGGER
Manufacturer : CORTINA
Size : Men's US 9
Model Name : X0600
Toecap : SJ Metallic Toecap #002
Puncture Resistant Device : SJ Steel Plate
Sole : PU + PU
Upper : Black SJ Microfiber(vamp part)+ Black SJ Nappa Action Leather
Collar : Black SJ Nappa Action Leather
Tongue : Black SJ Microfiber
Vamp Lining : White Non-woven
Quarter Lining : Dark Grey SJ Cambrella
Counter Lining : Dark Grey SJ Cambrella
Insole : Grey Non-Woven
In-sock (foot-bed) : Dark Grey Polyester Mesh + SJFOAM2 Industrial (PU)
Judgment Accordance : ASTM F2413-24
Test Performance/
Standard : See testing results page

Sample Receiving Date : Jun 18, 2025

Testing Period : Jun 18, 2025 ~ Jun 23, 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).



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

Asan Huang (Approved Signatory)

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Conclusion	A US 9#	Remark
Protective Toe Impact Resistance	P	
Protective Toe Compression Resistance	P	
Static Dissipative	P	
Slip Resistance (Dry and Wet)	P	
Slip Resistance (Oily/Wet)	P	

Remark(s) : P = Meet Client's Requirement.



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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)	17.6	18.3	Min. 12.7 mm

Conclusion**Pass****A US 9#(Right)**

	No. 3	Requirement
Internal Height Clearance(mm)	17.7	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)	23.8	Min. 12.7 mm

Conclusion**Pass****A US 9#(Right)**

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

Conclusion**Pass****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)	5.2	5.4	5.8	SD 10: 1 ~ 10 MΩ
Electrical Resistance (Right)(MΩ)	5.0	4.9	5.3	SD 10: 1 ~ 10 MΩ
Electrical Resistance (One Pair)(MΩ)	3.7	3.6	3.9	SD 10: 1 ~ 10 MΩ

Conclusion**Pass**

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Slip Resistance (Dry and Wet)

(ASTM F2913-24; Lubricant: Distilled Water, Vertical Force: (500±25) N)

A US 9# left shoe 1	Unit	Forepart	Heel part	Requirement
<u>Clay Tile</u>				
<u>Tested Dry Then Wet</u>				
Coefficient of Friction				-
Dry	-	0.62	0.62	Min. 0.40
Wet	-	0.48	0.51	Min. 0.40
Conclusion		Pass		
A US 9# right shoe 2	Unit	Forepart	Heel part	Requirement
<u>Clay Tile</u>				
<u>Tested Wet Then Dry</u>				
Coefficient of Friction				-
Dry	-	0.65	0.63	Min. 0.40
Wet	-	0.49	0.51	Min. 0.40
Conclusion		Pass		
A US 9# left shoe 3	Unit	Forepart	Heel part	Requirement
<u>Clay Tile</u>				
<u>Tested Dry Then Wet</u>				
Coefficient of Friction				-
Dry	-	0.64	0.61	Min. 0.40
Wet	-	0.49	0.50	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

Slip Resistance (Oily/Wet)

(ASTM F2913-24; Test Surface: Clay Tile; Vertical Force: (500±25) N)

A US 9#	Unit	Backward forepart	Forward heel	Requirement
<u>Oily Wet ((0.2±0.02g) of 100% corn oil with distilled water)</u>				
Coefficient of Friction				-
Shoe 1(Left)	-	0.34	0.34	Min. 0.33
Shoe 2(Right)	-	0.34	0.35	Min. 0.33
Shoe 3(Left)	-	0.35	0.35	Min. 0.33
Conclusion		Pass		

Remark:

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.

Sample Photo



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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