

Test Report

SL92419318843201FW

Date: July 15, 2024 Page 1 of 5

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)/SJ3FIT (REGULAR)
Standard : ASTM F2413-18 /ASTM F3445-21

Sample Receiving Date : Jul 09, 2024

Testing Period : Jul 09, 2024 ~ Jul 15, 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).

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

Koni zhang (Approved Signatory)

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No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 f (86-20) 82075169 www.sgs.com.cn
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Conclusion	A US 9#	Remark
Impact Resistance	P	
Compression Resistance	P	
Static Dissipative	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)

A US 9#

	No. 1	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	18.8	19.5	19.0	Min. 12.7 mm

Conclusion

Pass

Compression Resistance

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

A US 9#

	No. 1	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	23.5	22.6	23.1	Min. 12.7 mm

Conclusion

Pass

Static Dissipative

(ASTM F2412-18a, Clause 10; Test Voltage: 50 V)

A US 9#

	No. 1	No. 2	No. 3	Average	Requirement
Electrical Resistance (Left)(MΩ)	7.8	7.9	8.3	8.0	SD 10: 1 ~ 10 MΩ
Electrical Resistance (Right)(MΩ)	7.4	7.7	8.1	7.7	SD 10: 1 ~ 10 MΩ
Electrical Resistance (One Pair)(MΩ)	5.8	6.0	6.1	6.0	SD 10: 1 ~ 10 MΩ

Conclusion

Pass



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Slip Resistance

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

A-shoe 1-Right	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.52	0.57	Min.0.40
Wet	-	0.46	0.49	Min.0.40
Conclusion		Pass		
A-shoe 2-Left	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Wet Then Dry				
Coefficient of Friction				-
Dry	-	0.50	0.56	Min.0.40
Wet	-	0.44	0.49	Min.0.40
Conclusion		Pass		
A-shoe 3-Right	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.51	0.56	Min.0.40
Wet	-	0.43	0.49	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



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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