

Test Report

SL92429335856501FW

Date: November 04, 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 : DAKAR EW EH
Model(s) Description : DAKAR EW EH Safety Ankle Boot in Black/Dark Grey
DAKAR EW EH Safety Ankle Boot in Brown

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

Sample Description : (A) One Pair of Safety Ankle Boot in Black/Dark Grey
(B) Three Pairs of Safety Ankle Boot in Brown

Buyer's Name : CORTINA
Brand : SAFETY JOGGER
Manufacturer : CORTINA
Size : Men's US 9
Model Name : DAKAR EW EH
Reference Number: : SI220189A
Toecap : SJ Non-metallic Nano Carbon Toecap NC722
Puncture Resistant Device : SJ FLEX Composite Insert(EH)
Sole : BASF PU+BASF PU
Upper : (A) Black SJ Crazy Horse Leather+Dark Grey SJ Sombo Polyester 1200D
(B) Brown SJ Crazy Horse Leather+ Brown SJ Sombo Polyester 1200D
Collar : (A) Black SJ Waterproof Polyester (B) Dark Brown SJ Waterproof Polyester
Tongue : (A) Black SJ Waterproof Polyester (B) Dark Brown SJ Waterproof Polyester
Vamp Lining : Black SJ BK Mesh
Quarter Lining : Black SJ BK Mesh
Counter Lining : Black Suede Microfiber
Tongue Lining : (A) Black SJ BK Mesh+Black MF Polyester Suede
(B) Black SJ BK Mesh+ Brown MF Polyester Suede
Collar Lining : (A) Black MF Polyester Suede (B) Brown MF Polyester Suede
Insole : SJ FLEX Composite Insert(EH)
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 : Sep 23, 2024
Testing Period : Sep 23, 2024 ~ Oct 11, 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

SL92429335856501FW

Date: November 04, 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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Guangzhou Branch Inspection & Testing Laboratory

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
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

Conclusion	B US 9#	Remark
Protective Toe Impact Resistance	P	
Protective Toe Compression Resistance	P	
Electric Hazard Resistance	P	
Slip Resistance (Dry and Wet)	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

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)

B US 9#(Left)

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	16.6	17.7	Min. 12.7 mm

Conclusion Pass

B US 9#(Right)

	No. 3	Requirement
Internal Height Clearance(mm)	14.0	Min. 12.7 mm

Conclusion Pass

Protective Toe Compression Resistance

(ASTM F2412-24, Clause 6; Compression load: 2500 lbf)

B US 9#(Left)

	No. 1	Requirement
Internal Height Clearance(mm)	23.1	Min. 12.7 mm

Conclusion Pass

B US 9#(Right)

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

Conclusion Pass

Electric Hazard Resistance

(ASTM F2412-24, Clause 9; Test Voltage: 18 kV at 60 Hz; Test Period: 1 min)

B US 9#(Left)

	No. 1	No. 3	Requirement
Leakage Current(mA)	0.3	0.3	Max. 1.0 mA

Conclusion Pass

B US 9#(Right)

	No. 2	Requirement
Leakage Current(mA)	0.3	Max. 1.0 mA

Conclusion Pass



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Slip Resistance (Dry and Wet)

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

B-shoe 1 Right	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.67	0.61	Min. 0.40
Wet	-	0.45	0.45	Min. 0.40
Conclusion		Pass		

B-shoe 2 Left	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Wet Then Dry				
Coefficient of Friction				-
Dry	-	0.64	0.61	Min. 0.40
Wet	-	0.45	0.46	Min. 0.40
Conclusion		Pass		

B-shoe 3 Right	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.67	0.62	Min. 0.40
Wet	-	0.46	0.46	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.



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Sample Photo



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

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

SL92429335856501FW

Date: November 04, 2024 Page 7 of 7

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