



中国认可  
国际互认  
检测  
TESTING  
CNAS L0167

## Test Report

SL92519302355501FW

Date: June 09, 2025 Page 1 of 8

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 : JUMPER/JUMPER31  
CLIMBER/CLIMBER31  
Model(s) Description : JUMPER/JUMPER31 Safety Low Shoe in Black/Beige  
CLIMBER/CLIMBER31 Safety Ankle Boot in Black/Beige

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

Sample Description : A. Three Pairs of Safety Low Shoe in Black/Beige  
B. One Pair of Safety Ankle Boot in Black/Beige

Buyer's Name : CORTINA  
Brand : SAFETY JOGGER  
Manufacturer : CORTINA  
Size : Men's US 9  
Toecap : SJ Composite Toecap HL604  
Puncture Resistant Device : SJ FLEX composite insert  
Sole : PU  
Upper : Black SJ WP Cow Suede Leather + Beige SJ Sombo Polyester 1200D with Black  
Scratch Action Leather covering toe area  
Collar : Beige SJ Sombo Polyester 1200D  
Tongue : Black SJ Cow Suede Leather + Beige SJ Sombo Polyester 1200D  
Vamp Lining : Grey Non-woven  
Quarter Lining : Black SJ BK Mesh  
Counter Lining : Grey SJ Cow Suede Leather  
Tongue Lining : Black SJ BK Mesh  
Collar Lining : Black SJ BK Mesh  
Insole : SJ FLEX composite insert  
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 : May 30, 2025  
Testing Period : May 30, 2025 ~ Jun 09, 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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SL92519302355501FW

Date: June 09, 2025 Page 2 of 8

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

Asan Huang (Approved Signatory)

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Test Report

SL92519302355501FW

Date: June 09, 2025 Page 3 of 8

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)	17.8	18.6	Min. 12.7 mm

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

	No. 3	Requirement
Internal Height Clearance(mm)	17.1	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)	24.7	Min. 12.7 mm

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

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	24.2	25.3	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)	13.2	13.8	14.7	SD 35: 1 ~ 35 MΩ
Electrical Resistance (Right)(MΩ)	14.6	14.0	13.5	SD 35: 1 ~ 35 MΩ
Electrical Resistance (One Pair)(MΩ)	9.0	8.8	9.2	SD 35: 1 ~ 35 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	-	0.56	0.62	Min. 0.40
Wet	-	0.44	0.44	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		
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	-	0.57	0.62	Min. 0.40
Wet	-	0.46	0.43	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		
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	-	0.56	0.64	Min. 0.40
Wet	-	0.43	0.43	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		

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)	-	0.33	0.35	Min. 0.33
Shoe 2(Right)	-	0.34	0.34	Min. 0.33
Shoe 3(Left)	-	0.34	0.33	Min. 0.33
<b>Conclusion</b>		<b>Pass</b>		

## 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



**The sample B 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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Date: June 09, 2025 Page 8 of 8

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