



中国认可  
国际互认  
检测  
TESTING  
CNAS-L0167

Test Report

SL92429336266001FW

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 : MODULO LEA S3S LOW T(MDLCHS3SLT)  
MODULO LEA S3S MID T (MDLCHS3SMT)  
Model(s) Description : MODULO LEA S3S LOW T(MDLCHS3SLT)/ SI220171A Safety Low Shoe in  
Medium Brown  
MODULO LEA S3S MID T (MDLCHS3SMT)/ SI230011A Safety Ankle Boot in  
Medium Brown

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

Sample Description : Three Pairs of Safety Low Shoe in Medium Brown

Buyer's Name : CORTINA  
Brand : SAFETY JOGGER  
Manufacturer : CORTINA  
Size : Men's US 9  
Model Name : MODULO LEA S3S LOW T(MDLCHS3SLT)  
Reference Number: : SI220171A  
Toecap : SJ Non-metallic Toecap N604  
Puncture Resistant Device : SJ FLEX composite insert  
Sole : BASF PU+Rubber  
Upper : Medium Brown SJ Crazy Horse Leather  
Collar : Black Nalo Polyester Mesh  
Tongue : Black Nalo Polyester Mesh+Black 3 Anti Single Polyester Mesh  
Vamp Lining : Black Nalo Polyester Mesh  
Quarter Lining : Black Nalo Polyester Mesh  
Counter Lining : Black Suede Microfiber  
Insole : SJ FLEX composite insert  
In-sock (foot-bed) : Dark Grey Polyester Mesh + SJFOAM2 Industrial (PU)/SJ3FIT (REGULAR)  
Judgment Accordance : ASTM F2413-24  
Test Performance/  
Standard : See testing results page

Sample Receiving Date : Sep 24, 2024

Testing Period : Sep 24, 2024 ~ Oct 14, 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).



SGS-CSI Standards Technical Services Co., Ltd.  
Guangzhou Branch

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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	

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)

**A US 9#(Left)**

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	16.9	12.9	Min. 12.7 mm

**Conclusion Pass**

**A US 9#(Right)**

	No. 3	Requirement
Internal Height Clearance(mm)	13.0	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)	23.9	Min. 12.7 mm

**Conclusion Pass**

**A US 9#(Right)**

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	23.3	24.7	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	Average	Requirement
Electrical Resistance (Left)(MΩ)	21.4	42.2	23.6	29.1	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	15.8	32.1	33.9	27.3	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	13.8	35.5	25.4	24.9	SD 100: 1 ~ 100 MΩ

**Conclusion Pass**



**Slip Resistance (Dry and Wet)**

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

A US 9#-shoe 1-Right	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.73	0.69	Min. 0.40
Wet	-	0.62	0.56	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		

  

A US 9#-shoe 2-Left	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Wet Then Dry				
Coefficient of Friction				-
Dry	-	0.76	0.69	Min. 0.40
Wet	-	0.62	0.55	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		

  

A US 9#-shoe 3-Right	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.75	0.70	Min. 0.40
Wet	-	0.64	0.52	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



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### Sample Photo



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The sample 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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