

Test Report

SL92429349502301FW

Date: November 04, 2024 Page 1 of 9

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/DAKAR S3 AHX
RUSH
SAHARA

Model(s) Description : DAKAR/DAKAR S3 AHX Safety Ankle Boot in Medium Brown/ Taupe
DAKAR/DAKAR S3 AHX Safety Ankle Boot in Black/Grey
RUSH BRN Safety Ankle Boot in Medium Brown/ Taupe
RUSH CAM Safety Ankle Boot in Camel
RUSH SND Safety Ankle Boot in Sand/ Platina
SAHARA Safety Low shoe in Medium Brown/ Taupe
SAHARA Safety Low shoe in Black/ D. Grey

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

Sample Description : Three Pairs of Safety Ankle Boot in Medium Brown/ Taupe

Buyer's Name : CORTINA
Brand : SAFETY JOGGER
Manufacturer : CORTINA
Size : Men's US 9
Model Name : DAKAR/DAKAR S3 AHX
Reference Number: : /
Toecap : SJ Steel Toecap 459
Puncture Resistant Device : SJ Steel Plate
Sole : PU+PU
Upper : Medium Brown SJ Crazy Horse Leather+Taupe SJ Sombo Polyester 1200D
Collar : Brown SJ Waterproof Polyester
Tongue : Brown SJ Waterproof Polyester
Vamp Lining : Black NWL Polyester Fabric
Quarter Lining : Black SJ BK Mesh
Counter Lining : Black Suede Microfiber
Tongue Lining : Black SJ BK Mesh+ Dark Brown MF Polyester Suede
Collar Lining : Dark Brown MF Polyester Suede
Insole : Grey Non-Woven
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



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Sample Receiving Date : Oct 31, 2024
 Testing Period : Oct 31, 2024 ~ Nov 04, 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

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#

| | No. 1 | No. 2 | No. 3 | Requirement |
|-------------------------------|------------|------------|-------------|--------------|
| Internal Height Clearance(mm) | 19.4(left) | 15.6(left) | 18.6(right) | Min. 12.7 mm |

Conclusion

Pass

Protective Toe Compression Resistance

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

A US 9#

| | No. 1 | No. 2 | No. 3 | Requirement |
|-------------------------------|------------|-------------|-------------|--------------|
| Internal Height Clearance(mm) | 23.3(left) | 23.5(right) | 24.8(right) | 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) | 5.8 | 9.8 | 8.8 | 8.1 | SD 35: 1 ~ 35 MΩ |
| Electrical Resistance (Right)(MΩ) | 6.5 | 33.3 | 30.7 | 23.5 | SD 35: 1 ~ 35 MΩ |
| Electrical Resistance (One Pair)(MΩ) | 4.1 | 7.6 | 11.2 | 22.9 | 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 |
|-------------------------|------|-------------|-----------|-------------|
| Clay Tile | | | | |
| Tested Dry Then Wet | | | | |
| Coefficient of Friction | | | | - |
| Dry | - | 0.47 | 0.47 | Min. 0.40 |
| Wet | - | 0.42 | 0.40 | Min. 0.40 |
| Conclusion | | Pass | | |

| A-US 9# right shoe 2 | Unit | Forepart | Heel part | Requirement |
|-------------------------|------|-------------|-----------|-------------|
| Clay Tile | | | | |
| Tested Wet Then Dry | | | | |
| Coefficient of Friction | | | | - |
| Dry | - | 0.45 | 0.46 | Min. 0.40 |
| Wet | - | 0.41 | 0.41 | Min. 0.40 |
| Conclusion | | Pass | | |

| A-US 9# left shoe 3 | Unit | Forepart | Heel part | Requirement |
|-------------------------|------|-------------|-----------|-------------|
| Clay Tile | | | | |
| Tested Dry Then Wet | | | | |
| Coefficient of Friction | | | | - |
| Dry | - | 0.46 | 0.46 | Min. 0.40 |
| Wet | - | 0.40 | 0.41 | 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: 9



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Sample Photo



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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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