intertek
Total Quality. Assured.

中国认可
国际互认
检测
TESTING
CNAS L0220

TEST REPORT

Number: GZHT91337618

Applicant: CORTINA N.V.
MEERSBLOEM-MELDEN 42,
9700 OUDENAARDE,BELGIUM
Attn: REBECCA/JENNY

Date: May 29, 2025

Sample Description:
Three (3) pairs of submitted samples said to be Men' safety shoes in Black.

Standard	:	ASTM F2413-24
Size	:	Men US#9
Buyer's Name	:	CORTINA
Ref. No	:	LIGHTSTAR EH (SI110142A)
Brand	:	SAFETY JOGGER
Manufacturer	:	CORTINA
Colour	:	Black
Vendor	:	--
Supplier	:	--
P.O. No.	:	--
Ref.	:	Safety Low Shoe in Black Sole: Phylon+Rubber Insert Plate: SJ FLEX Composite Insert(EH) Upper: Black SJ Crab Mesh, Black Taikon PU Vamp Lining: Black SJ BK Mesh Quarter Lining: Black SJ BK Mesh Seat Region Lining: Black SJ BK Mesh Collar: Black SJ Crab Mesh Tongue: Black SJ Crab Mesh Insole: SJ FLEX Composite Insert(EH) Insock: Dark Grey Polyester Mesh + SJFOAM3 Industrial (PU)
Country Of Origin	:	--
Goods Exported To	:	E.U./U.S.
Date of Sample Received	:	May 22, 2025
Testing Period	:	May 22, 2025 - May 29, 2025
Date Final Information Confirmed:		--

Test Result Please Refer To Attached Page(S).

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Guiliang Dong
Senior Lab Manager

VZ / lydiayang

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou 510730
广州市黄埔区保盈东路 8 号 401 房、501 房、601 房、801 房、901 房、1003 房
Tel: +86 20 2820 9114 Postcode:510730
www.intertek.com

TEST REPORT Number: GZHT91337618

Tests Conducted (As Requested By The Applicant)

1 Protective Toe Impact Resistance (I) (ASTM F2412-24, 5, Impact Energy: 101.7 J (75 ft-Ib), Testing Performed At 22℃ And 50% RH)

		ASTM F2413-24 Requirement	Pass/Fail
	Interior Height Clearance		
Left:	18.6 mm	≥ 12.7 mm	Pass
Right:	18.6 mm	≥ 12.7 mm	Pass
Left:	17.8 mm	≥ 12.7 mm	Pass

2 Protective Toe Compression Resistance (C) (ASTM F2412-24, 6, Compressive Force: 11 121 N (2 500 lbf), Testing Performed At 22℃ And 50% RH)

		ASTM F2413-24 Requirement	Pass/Fail
	Interior Height Clearance		
Left:	24.8 mm	≥ 12.7 mm	Pass
Right:	24.4 mm	≥ 12.7 mm	Pass
Right:	25.3 mm	≥ 12.7 mm	Pass

3 Electric Hazard Resistant Footwear (EH) (ASTM F2412-24, 9, Conditioned At 22℃ And 50% RH For 24 h And Testing Performed At The Same Conditions)

		ASTM F2413-24 Requirement	Pass/Fail
Left:	Leakage Current: 0.1 mA	*	Pass
Right:	Leakage Current: 0.1 mA	*	Pass
Left:	Leakage Current: 0.1 mA	*	Pass

Remark: * = No Current Flow Or Leakage Current In Excess Of 1.0 mA Under The Application Of 18000 V At 60 Hz AC For 1 Minute.

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou 510730
广州市黄埔区保盈东路 8 号 401 房、501 房、601 房、801 房、901 房、1003 房
Tel: +86 20 2820 9114 Postcode:510730
www.intertek.com

4 Slip Resistant Footwear (SRO) (ASTM F2913-24)

Conditioning Test Specimen		Test Condition	
Temperature	(23±2)℃	Atmosphere	(23±2)℃, (50±5)% RH
Relative Humidity	(50±5)% RH	Test Surface	Flat Unglazed Clay Quarry Tile
Period	At Least 3 Hours	Vertical Force	500 N

Size	Sequence	Conditions	Modes	Results (COF)	ASTM F2413-24 Requirement	Pass/Fail
9 (Left)	Dry Then Wet	Dry	Forward Heel Slip	0.87	Min. 0.40	Pass
			Backward Forepart Slip	0.69	Min. 0.40	Pass
		Wet	Forward Heel Slip	0.68	Min. 0.40	Pass
			Backward Forepart Slip	0.51	Min. 0.40	Pass
9 (Right)	Wet Then Dry	Wet	Forward Heel Slip	0.70	Min. 0.40	Pass
			Backward Forepart Slip	0.53	Min. 0.40	Pass
		Dry	Forward Heel Slip	0.89	Min. 0.40	Pass
			Backward Forepart Slip	0.67	Min. 0.40	Pass
9 (Left)	Dry Then Wet	Dry	Forward Heel Slip	0.90	Min. 0.40	Pass
			Backward Forepart Slip	0.72	Min. 0.40	Pass
		Wet	Forward Heel Slip	0.66	Min. 0.40	Pass
			Backward Forepart Slip	0.55	Min. 0.40	Pass
9 (Left)	Oily Wet (#)		Forward Heel Slip	0.39	Min. 0.33	Pass
			Backward Forepart Slip	0.34	Min. 0.33	Pass
9 (Right)			Forward Heel Slip	0.38	Min. 0.33	Pass
			Backward Forepart Slip	0.36	Min. 0.33	Pass
9 (Left)			Forward Heel Slip	0.39	Min. 0.33	Pass
			Backward Forepart Slip	0.34	Min. 0.33	Pass

Remark: # = 0.2±0.02 g (Approximately 8 Drops) Of Corn Oil With Distilled Water

Note: It Must Be Noted That The Slip Resistance Test Carried Out In This Report Denotes An Indication Of Slip Of This Particular Footwear/Component On The Surface Mentioned In The Test Item. It Is Important To Note That Footwear Is Subjected To Many Different Conditions Encountered In Everyday Use And That It Is Impossible To Make Footwear Resistant To Slip In All Conditions. Nevertheless, It Is Generally Accepted That Problems Are Minimized If The Guideline Coefficients Of Friction Are Achieved.

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou 510730
广州市黄埔区保盈东路 8 号 401 房、501 房、601 房、801 房、901 房、1003 房
Tel: +86 20 2820 9114 Postcode:510730
www.intertek.com

End Of Report

Remark:
1. As Requested by the Applicant, For Details Refer to Attached Page (S).
2. All the tested item are tested under the standard condition.
3. The report is valid with commission test only for the test samples in the case of delivering samples by clients.

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou 510730
广州市黄埔区保盈东路 8 号 401 房、501 房、601 房、801 房、901 房、1003 房
Tel: +86 20 2820 9114 Postcode:510730
www.intertek.com