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TEST REPORT



中国认可  
国际互认  
检测  
TESTING  
CNAS L0220

Number: GZHT90874631

Date: Apr 01, 2019

Applicant: CORTINA N.V.  
MEERSBLOEM-MELDEN 42,  
9700 OUDENAARDE,BELGIUM

Attn: ROCK/REBECCA

Sample Description:

Three (3) pairs of submitted samples said to be Men's Cemented lace up low cut safety shoes in Black.

Standard	:	ASTM F2413-18
		ASTM F2913-17
Size	:	US 9
Buyer's Name	:	--
Ref. No	:	ROCKET81
Brand	:	SAFETY JOGGER
Manufacturer	:	CORTINA
Colour	:	--
Vendor	:	--
Supplier	:	--
P.O. No.	:	--
Ref.	:	Men Casual Safety Low with outsole Mould M2331 PHYLON+RUBBER
Country Of Origin	:	China
Goods Exported To	:	Belgium/U.S.A.
Date Received/Date Test Started:	:	Mar. 26, 2019
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](mailto:gzfootwear@intertek.com)

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



Guiliang Dong  
Senior Lab Manager



mi / nicoleho

**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 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801,  
No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China  
广州经济技术开发区科学城彩频路7号之二第1-8层02房、01房101、  
E201、E301、E401、E501、E601、E701、E801  
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663

3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou  
Economic & Technological Development District, Guangzhou,  
China  
中国广州经济技术开发区开发大道235号恒运大厦3楼  
Tel: +86 20 83966868 Fax: +86 20 82228169 Postcode: 510730



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Tests Conducted (As Requested By The Applicant)



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- 1 Protective Toe Impact Resistance (I) (ASTM F2412-18a, 5, Impact Force: 101.7 J (75 lbf), Testing Performed At 22 °C And 50 % RH)

	Interior Height Clearance	ASTM F2413-18 Requirement	Pass / Fail
Left:	20.2 mm	*	Pass
Right:	20.5 mm	*	Pass
Left:	20.5 mm	*	Pass

Remark: \* =  $\geq 12.7$  mm

- 2 Protective Toe Compression Resistance (C) (ASTM F2412-18a, 6, Compression Force: 11 121 N (2 500 lbf), Testing Performed At 22 °C And 50 % RH)

	Interior Height Clearance	ASTM F2413-18 Requirement	Pass/Fail
Left:	22.2 mm	*	Pass
Right:	23.2 mm	*	Pass
Right:	22.2 mm	*	Pass

Remark: \* =  $\geq 12.7$  mm

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3 Static Dissipative Footwear (SD) (ASTM F2412-18a, 10, Conditioned At 22 °C And 50 % RH For 24 h And Testing Performed At The Same Conditions.)

			<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
Sample 1	Left	$9.5 \times 10^6 \Omega$	*	Pass
	Right	$5.7 \times 10^7 \Omega$	*	Pass
	One Pair	$1.0 \times 10^7 \Omega$	*	Pass
Sample 2	Left	$9.6 \times 10^6 \Omega$	*	Pass
	Right	$9.9 \times 10^6 \Omega$	*	Pass
	One Pair	$7.6 \times 10^6 \Omega$	*	Pass
Sample 3	Left	$1.1 \times 10^7 \Omega$	*	Pass
	Right	$1.3 \times 10^7 \Omega$	*	Pass
	One Pair	$7.1 \times 10^6 \Omega$	*	Pass

Remark: \* = SD 100 :  $1 \times 10^6 \Omega \sim 1 \times 10^8 \Omega$

4 Slip Resistance (ASTM F2913-17, Vertical Force: 500 N, 22°C, 50 % R.H):

Sample	Size	Test Floor	Lubricant	Modes	Results
-	9 (Left)	Eurotile 2	NaLS	Forward Heel Slip (#1)	0.39
				Forward Flat Slip (#2)	0.43
		Steel Floor	Glycerine	Forward Heel Slip (#1)	0.27
				Forward Flat Slip (#2)	0.29

Remark: #1 = Using Standard Shoemaking Last  
#2 = Using Mechanical Foot

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 Subject 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.



End Of Report

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