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TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT90847552

Date: Nov 29, 2018

Applicant: CORTINA N.V.
MEERSBLOEM-MELDEN 42,
9700 OUDENAARDE,BELGIUM
Attn: PETER DE MEZURE

Sample Description:

Two (2) groups of submitted samples said to be:

(A) Three (3) pairs of Men's Cemented lace up low cut safety shoes in Black

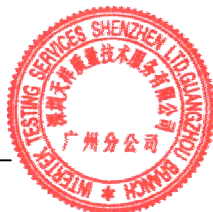
(B) Three (3) pairs of Non-metallic insoles.

Standard	: ASTM F2413-18
Size	: US 9
Buyer's Name	: Cortina NV
Ref. No	: L310N
Brand	: Maxguard
Manufacturer	: Cortina NV
Colour	: --
Vendor	: --
Supplier	: --
P.O. No.	: --
Ref.	: Men Casual Safety Low with M2528 PHYLON/RUBBER sole (SJ FLEX/COMP)
Country Of Origin	: --
Goods Exported To	: --
Date Received/Date Test Started:	Nov 22, 2018
Date Final Information Confirmed:	Nov 26, 2018

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



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/ nicoleho

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- 1 Protective Toe Compression Resistance (C) (ASTM F2412-18a, 6, Compression Force: 11,121 N (2,500 lbf), Testing Performed At 22°C (±2°C) And 50 % RH (±5%))

	(A)	ASTM F2413-18 Requirement	Pass/Fail
	Interior Height Clearance		
Right:	23.8 mm	≥ 12.7 mm	Pass
Right:	22.8 mm	≥ 12.7 mm	Pass
Left:	23.4 mm	≥ 12.7 mm	Pass

- 2 Static Dissipative Footwear (SD) (ASTM F2412-18a, 10, Conditioned At 22°C (±2°C) And 50% RH (±5%) For 24 h And Testing Performed At The Same Conditions)

	(A)	ASTM F2413-18 Requirement	Pass/Fail
Sample 1	Left	$2.8 \times 10^7 \Omega$	*
	Right	$1.7 \times 10^7 \Omega$	*
	One Pair	$1.6 \times 10^7 \Omega$	*
Sample 2	Left	$2.2 \times 10^7 \Omega$	*
	Right	$1.9 \times 10^7 \Omega$	*
	One Pair	$1.1 \times 10^7 \Omega$	*
Sample 3	Left	$2.2 \times 10^7 \Omega$	*
	Right	$2.6 \times 10^7 \Omega$	*
	One Pair	$1.2 \times 10^7 \Omega$	*

Remark: * = SD 35: $1 \times 10^6 \Omega \sim 3.5 \times 10^7 \Omega$



3 Puncture Resistance Footwear (PR) (ASTM F2412-18a, 11, Conditioned At 22°C (±2°C) And 50% RH (±5%) For 24 h And Testing Performed At The Same Conditions)

	(B)	<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
Left:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1200 N.	Min. 1200 N (*)	Pass
Left:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1200 N.	Min. 1200 N (*)	Pass
Right:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1200 N.	Min. 1200 N (*)	Pass

Remark: * = The Test Pin Does Not Visually Penetrate Beyond The Face Of The Material Nearest The Foot.

4 Flex Resistance For Puncture Resistant Devices (ASTM F2412-18a, 11.7 & CSA Z195-14, 6.3.2)

	(B)	<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
Left:	No Signs Of De-lamination Of Layers After 1.5 x 10 ⁶ Flexes	*	Pass
Right:	No Signs Of De-lamination Of Layers After 1.5 x 10 ⁶ Flexes	*	Pass
Right:	No Signs Of De-lamination Of Layers After 1.5 x 10 ⁶ Flexes	*	Pass

Remark: * = No Signs Of De-lamination Of Layers Or Cracking After 1.5 x 10⁶ Flexes.



End Of Report

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