

Total Quality. Assured. TEST REPORT



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

Attn: REBECCA/ROCK

Sample Description:

u			
	Two (2) groups of submitted san	np	les said to be:
	(A) Three (3) pairs of Men's Injection lace up safety ankle boots in Brown		
	(B) Three and a half (3.5) pairs of Non-metallic anti-penetration inserts.		
	Standard	:	ASTM F2413-18
	Size	:	US 9
	Buyer's Name	:	
	Ref. No	:	DAKAR-EH
	Brand	:	SAFETY JOGGER
	Manufacturer	:	CORTINA
	Colour	:	Brown
	Vendor	:	
	Supplier	:	
	P.O. No.	:	
		:	Men Casual Safety High with outsole Mould M1645 PU+PU
	Country Of Origin	:	
	Goods Exported To	:	Belgium/U.S.A.
	Date Received/Date Test Started	:	Jun. 10, 2019
	Date Final Information Confirmed	d:	

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



MI. / nicoleho

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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℃ And 50% RH)

(A)	<u>ASTM F2413-18</u> <u>Requirement</u>	<u>Pass / Fail</u>
Interior Height Clearance		
16.1 mm	*	Pass
17.6 mm	*	Pass
16.4 mm	*	Pass
	Interior Height Clearance 16.1 mm 17.6 mm	(A) <u>Requirement</u> Interior Height Clearance 16.1 mm * 17.6 mm *

Remark:  $* = \ge 12.7 \text{ mm}$ 

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)

	(A)	ASTM F2413-18	Pass/Fail
		<u>Requirement</u>	
	Interior Height Clearance		
Left:	18.8 mm	*	Pass
Right:	19.4 mm	*	Pass
Right:	18.4 mm	*	Pass

Remark:  $* = \ge 12.7 \text{ mm}$ 

3 Electric Hazard Resistant Footwear (EH) (ASTM F2412-18a, 9, Conditioned At 22 ℃ And 50% RH For 24 h And Testing Performed At The Same Conditions)

(A)	Leakage Current	ASTM F2413-18 Requirement	Pass/Fail
Left:	0.4 mA	*	Pass
Right:	0.3 mA	*	Pass
Right:	0.4 mA	*	Pass

Remark: \* = No Current Flow Or Leakage Current In Excess of 1.0 mA Under The Application Of 18 000 V At 60 Hz AC For 1 Minute.

#### / nicoleho

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4 Puncture Resistance Footwear (PR) (ASTM F2412-18a, 11, Conditioned At 22℃ And 50% RH For 24 h And Testing Performed At The Same Conditions.)

	(B)	ASTM F2413-18	Pass/Fail
		<u>Requirement</u>	
Left:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1 200 N.	Min. 1 200 N (*)	Pass
	The Test Pin Did Not Penetrate Beyond	Min. 1 200 N (*)	Pass
Right:	The Face Of The Material Nearest The Foot Before 1 200 N.		
	The Test Pin Did Not Penetrate Beyond	Min. 1 200 N (*)	Pass
Right:	The Face Of The Material Nearest The Foot Before 1 200 N.		

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

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

	(B)	<u>ASTM F2413-18</u> Reguirement	Pass/Fail
Left:	No Signs Of De-lamination Of Layers Or Cracking After $1.5 \times 10^{6}$ Flexes.	*	Pass
Right:	No Signs Of De-lamination Of Layers Or Cracking After 1.5 x 10 <sup>6</sup> Flexes.	*	Pass
Left:	No Signs Of De-lamination Of Layers Or Cracking After 1.5 x 10 <sup>6</sup> Flexes.	*	Pass
Remark: * =	No Signs Of De-lamination Of Layers Or Cracking	After 1.5 x 10 <sup>6</sup> Flexes	

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End Of Report

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