

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

Date: Jan 29, 2019

Attn: PETER DE MEZURE

### Sample Description:

Three (3) groups of submitted samples said to be:


- (A) Three (3) pairs of EOS Men's Injection lace up safety ankle boots in Black
- (B) One (1) pair of AURA Men's Injection lace up low cut safety shoes in Black
- (C) Three (3) pairs of Non-metallic anti-penetration inserts.

Standard : ASTM F2413-18  
Size : US 9  
Buyer's Name : CORTINA N.V.  
Ref. No : EOS, AURA  
Brand : SAFETYJOGGER  
Manufacturer : CORTINA N.V.  
Colour : Black  
Vendor : --  
Supplier : --  
P.O. No. : --  
Ref. : Men Casual High/Low Safety with M1159 PU/PU sole  
Country Of Origin : --  
Goods Exported To : Belgium/U.S.A.  
Date Received/Date Test Started: Jan. 23, 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





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TEST REPORT

Tests Conducted (As Requested By The Applicant)



中国认可  
国际互认  
检测  
TESTING  
CNAS L0220

Number: GZHT90865322

- 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)

	(A)	<u>ASTM F2413-18 Requirement</u>	<u>Pass / Fail</u>
	Interior Height Clearance		
Left:	21.5 mm	*	Pass
Right:	21.3 mm	*	Pass
Left:	21.8 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)

	(A)	<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
	Interior Height Clearance		
Left:	25.5 mm	*	Pass
Right:	25.4 mm	*	Pass
Right:	25.9 mm	*	Pass

Remark: \* =  $\geq 12.7$  mm

**Intertek Testing Services Shenzhen Ltd. Guangzhou Branch**

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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.)

	(A)		<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
Sample 1	Left	$1.0 \times 10^7 \Omega$	*	Pass
	Right	$8.6 \times 10^6 \Omega$	*	Pass
	One Pair	$7.5 \times 10^6 \Omega$	*	Pass
Sample 2	Left	$8.1 \times 10^6 \Omega$	*	Pass
	Right	$7.6 \times 10^6 \Omega$	*	Pass
	One Pair	$6.7 \times 10^6 \Omega$	*	Pass
Sample 3	Left	$1.0 \times 10^7 \Omega$	*	Pass
	Right	$9.3 \times 10^6 \Omega$	*	Pass
	One Pair	$7.2 \times 10^6 \Omega$	*	Pass

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

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

	(C)	<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 1 200 N.	Min. 1 200 N (*)	Pass
Right :	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1 200 N.	Min. 1 200 N (*)	Pass
Right :	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1 200 N.	Min. 1 200 N (*)	Pass

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



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

	(C)	<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
Left:	No Signs Of De-lamination Of Layers Or Cracking After 1.5 x 10 <sup>6</sup> 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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