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TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT90865326

Date: Mar 08, 2019

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 Injection lace up safety ankle boots in Brown
(B) Four and a half (4.5) pairs of Steel plates.

Standard : ASTM F2413-18
Size : US 9
Buyer's Name : CORTINA N.V.
Ref. No : RUSH
Brand : SAFETYJOGGER
Manufacturer : CORTINA N.V.
Colour : Brown
Vendor : --
Supplier : --
P.O. No. : --
Ref. : Men Casual Safety High with M1645 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: Mar. 04, 2019

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
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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)

| | (A) | <u>ASTM F2413-18 Requirement</u> | <u>Pass / Fail</u> |
|--------|---------------------------|----------------------------------|--------------------|
| | Interior Height Clearance | | |
| Left: | 17.1 mm | * | Pass |
| Right: | 17.5 mm | * | Pass |
| Left: | 17.1 mm | * | Pass |

Remark: * = ≥ 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: | 21.7 mm | * | Pass |
| Right: | 21.9 mm | * | Pass |
| Right: | 22.1 mm | * | Pass |

Remark: * = ≥ 12.7 mm



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 | $1.3 \times 10^7 \Omega$ | * | Pass |
| | Right | $2.3 \times 10^7 \Omega$ | * | Pass |
| | One Pair | $1.2 \times 10^7 \Omega$ | * | Pass |
| Sample 2 | Left | $1.4 \times 10^7 \Omega$ | * | Pass |
| | Right | $2.4 \times 10^7 \Omega$ | * | Pass |
| | One Pair | $1.1 \times 10^7 \Omega$ | * | Pass |
| Sample 3 | Left | $2.5 \times 10^7 \Omega$ | * | Pass |
| | Right | $2.2 \times 10^7 \Omega$ | * | Pass |
| | One Pair | $1.5 \times 10^7 \Omega$ | * | Pass |

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

4 Corrosion Resistance For Puncture Resistant Plates (ASTM F2412-18a, 11.8 & ASTM B117, 5% NaCl Solution For 24 Hours)

| | (B) | <u>ASTM F2413-18 Requirement</u> | <u>Pass/Fail</u> |
|---------|-----------------------|----------------------------------|------------------|
| Left : | No Sign Of Corrosion. | * | Pass |
| Left : | No Sign Of Corrosion. | * | Pass |
| Right : | No Sign Of Corrosion. | * | Pass |

Remark: * = No Sign Of Corrosion, De-lamination, Or Deterioration.



5 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 Cracking After 1.5 x 10 ⁶ Flexes. | * | Pass |
| Right: | No Signs Of Cracking After 1.5 x 10 ⁶ Flexes. | * | Pass |
| Right: | No Signs Of Cracking 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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