# Test Report

Applicant : BATA INDUSTRIALS EUROPE
EUROPAPLEIN 1, 5684 ZC BEST
P.O. BOX 10050 , 5680 DB BEST
THE NETHERLANDS

Attn : JOEY CHAN

Issue Date : May 18, 2026

## SAMPLE DESCRIPTION AS DECLARED

| | |
|---|---|
| Sample Description | Two (2) groups of submitted samples said to be:<br>(A) One (1) pair of Cemented ankle boots with nubuck upper in Olive, Style: Access AP (803-3016)<br>(B) One (1) pair of Cemented ankle books with embossed leather upper in Brown, Style: Performance (805-4006). |
| Standard | EN ISO 20345:2022+A1: 2024 |
| Size | EUR 42 |
| Insert Plate | Kevlar insole |
| Toe Cap | Composite toe |
| Sole | EVA midsole +rubber outsole |
| Vamp Lining | Leather lining |
| Quarter Lining | Leather lining |
| Counter Lining | Leather lining |
| Insock | PU-TPU footbed |
| Date of Sample Received | May 11, 2026 |
| Testing Period | May 11, 2026-May 18 , 2026 |
| Date Final Information Confirmed/Date Payment Received | -- |

Approved By:
Intertek Testing Services Shenzhen Limited,
Guangzhou Branch

Guiliang Dong
Senior Lab Manager

## 1 Heat Insulation Of Sole Complex (Whole Footwear)

EN ISO 20344:2021+A1: 2024, 5.15

| Test Conditions: | |
|---|---|
| Ambient Temperature | (25±5) °C |
| Thermal Transfer Medium | Stainless Steel Balls With 5 mm Diameter And A Total Mass Of (4±0.1) kg |
| Temperature Of Hot Plate | (150±5)°C |
| Test Period | (30±1) Minutes |

| Sample | Size | Results | | Requirement | Pass/Fail |
|---|---|---|---|---|---|
| (A) | 42 | Right | 9.5°C Temperature Increase. (#) | ^ | Pass |
| | - | Left / Right | - | ^ | - |
| (B) | 42 | Left | 10.5°C Temperature Increase. (#) | ^ | Pass |
| | - | Left / Right | - | ^ | - |

Remark: ^ = Max. 22°C Temperature Increase On The Upper Surface Of The Insole Or Insock.
Except For The Insock, The Insulation Shall Be Incorporated In The Footwear In Such A Manner That It Cannot Be Removed Without Damaging The Footwear.
After (30±1) Minutes, The Footwear Shall Not Show Any Sign Of Degradation As Follows:
- Cracks On The Outsole Greater Than 10 mm Long And 3 mm Deep;
- Upper/Outsole Separation Of More Than 15 mm Long Or 5 mm Wide (Deep);
- Pronounced Deformation And Cracks On The Insole And Insock (If Any) Greater Than 10 mm Long And Deeper Than The Half Material Thickness;
- Pronounced Deformation Of The Outsole Due To Any Of The Following Causes:
  - Joining Of 2 Or More Cleats Due To The Material Melting;
  - Decrease In The Cleat height To Less Than Half Of The Initial Height;
  - Melting Of The Outside Of The Cleat And The Midsole Becomes Visible;
- Beginning Of Pronounced And Deep Cracking Affecting Half Of The Upper Material Thickness;
- The Upper Shows Areas With Deformations Or Split Seams Causes.

# = Except For The Insock, The Insulation Is Incorporated In The Footwear That It Cannot Be Removed Without Damaging The Footwear. After Testing, The Footwear Showed No Signs Of Degradation In Accordance With The Requirement.

Expanded Uncertainty: 0.86°C, with k=1.97 at 95% Confidence Level.

## 2 Cold Insulation Of Outsole Complex (Whole Footwear)

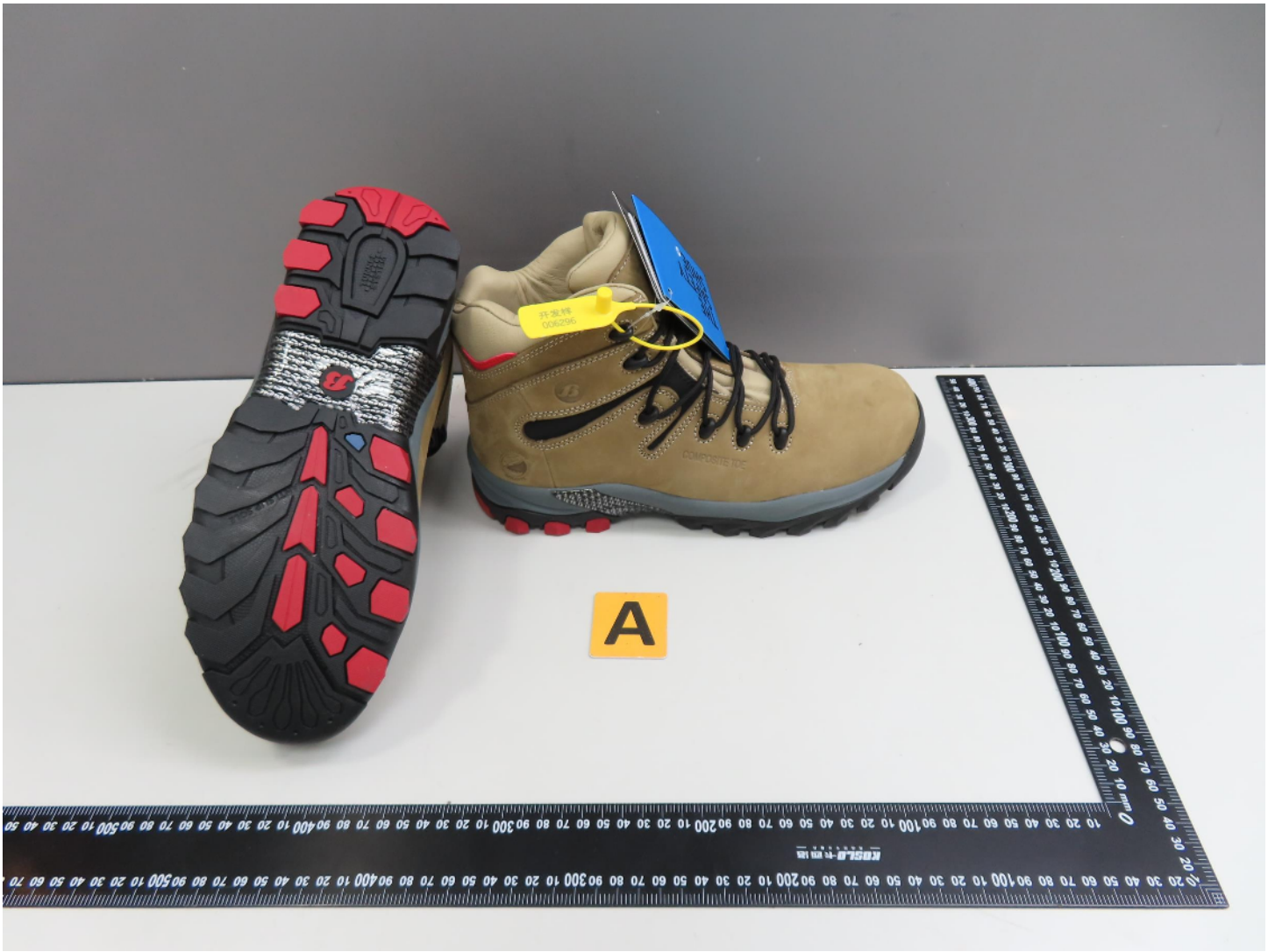
EN ISO 20344:2021+A1: 2024, 5.16

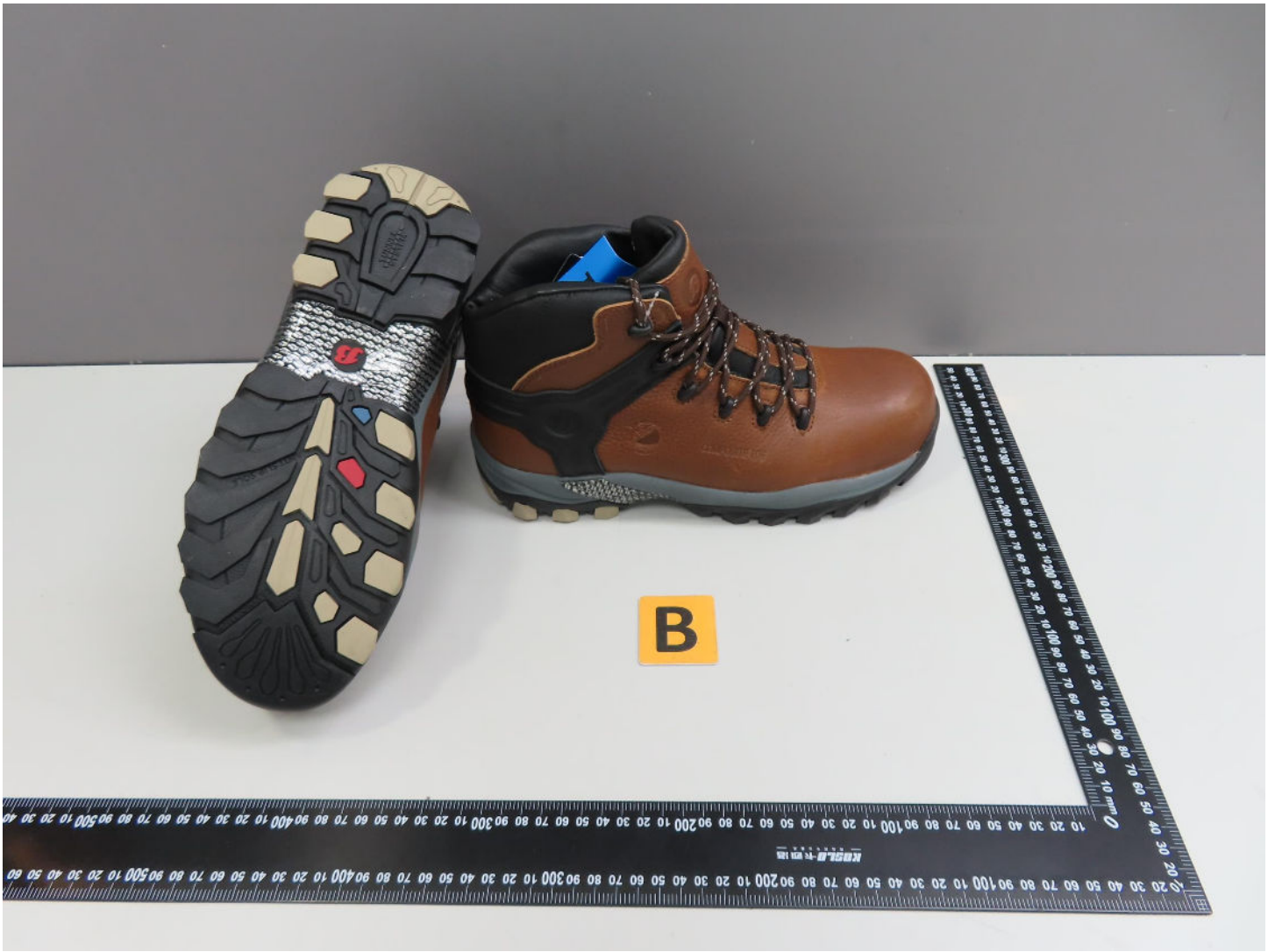
| | |
|---|---|
| Test Condition: | |
| Thermal Transfer Medium: | Stainless Steel Balls With 5 mm Diameter And A Total Mass Of (4±0.1) kg |
| Temperature Of Cold Box: | (-17±2) °C |
| Test Period: | (30±1) Minutes |

| Sample | Size | Results | | Requirement | Pass/Fail |
|---|---|---|---|---|---|
| (A) | 42 | Left | 5.0°C Temperature Decrease. (#) | ^ | Pass |
| | - | Left / Right | - | ^ | - |
| (B) | 42 | Right | 3.5°C Temperature Decrease. (#) | ^ | Pass |
| | - | Left / Right | - | ^ | - |

Remark: ^ = Max. 10°C Temperature Decrease On The Upper Surface Of The Insole Or Insock.
Except For The Insock, The Insulation Shall Be Incorporated In The Footwear In Such A Manner That It Cannot Be Removed Without Damaging The Footwear.
# = Except For The Insock, The Insulation Is Incorporated In The Footwear That It Cannot Be Removed Without Damaging The Footwear.

Expanded Uncertainty: 0.36°C, With k= 2.01 At 95% Confidence Level.


A


B

End of Report