



PRECISION TESTING LABORATORIES

313 Hill Avenue; Nashville, TN 37210-4711

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www.precisiontesting.com

CERTIFICATE OF CONFORMANCE

Third Party Certification

**Performance Requirements for Protective (Safety) Toe Cap Footwear
ASTM F2413-18**

Certification Date: 11-Oct-21

Report Date: 11-Oct-21

Report No.: 49370

Submitted by: Marseg S.A.

Identification:

Style: 4035UAA

Also Cover Styles: 4035USA, 4035USE, 4035USL (as stated by client)

Size: BR 41 (equivalent to size 9 US per client)

Gender: Men's

**The submitted style(s) meet the performance requirements of ASTM F2413-18 as tested
in accordance with ASTM F2412-18a in the following test categories:**

- Impact Resistant Footwear (I)
- Compression Resistant Footwear (C)

This certification applies to the particular sample tested and to the specific tests carried out by Precision Testing Laboratories as dated and detailed in the report referenced. It does not signify any measure of approval, control, supervision, or surveillance by Precision Testing Laboratories to this or any related product.

Certificate Authorized by:

Signed:

Eric Olson, President



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CERTIFICATE OF CONFORMANCE

Third Party Certification

**Performance Requirements for Slip Resistant Footwear
ASTM F3445-21**

Certification Date: 11-Oct-21

Report Date: 11-Oct-21

Report No.: 49369

Submitted by: Marseg S.A.

Identification:

Style: 4035UAA

Also Cover Styles: 4035USA, 4035USE, 4035USL (as stated by client)

Size: BR 41 (equivalent to size 9 US per client)

Gender: Men's

**The submitted style(s) meet the performance requirements of ASTM F3445-21
in accordance with ASTM F2913 in the following test categories:**

- Slip Resistance

This certification applies to the particular sample tested and to the specific tests carried out by Precision Testing Laboratories as dated and detailed in the report referenced. It does not signify any measure of approval, control, supervision, or surveillance by Precision Testing Laboratories to this or any related product.

Certificate Authorized by:

Signed:

Eric Olson, President

ASTM F2913 Reagent Application

SATRA Quarry = SATRA Quarry Tile.

Dry= Dry.

Wet= Section 10.4.2 - Distilled or deionized water shall be applied to the flooring to thoroughly wet the surface

This report is limited to and related only to the particular instrument, material or other subject to which it refers. These test results can not be compared to results obtained using different methods or under different conditions. No representation is made that similar articles will be of like quality. Neither Precision Testing Laboratories, Inc (hereinafter "Precision Testing") nor their officers, directors, managers or employees, shall be responsible for any loss or damage resulting directly or indirectly from any failure, error or omission in testing, or in the reporting of test results. Precision Testing has no controls, and assumes no responsibility for the tested product's functionality or use. Precision Testing's liability shall not exceed the fees paid for the testing reflected on this report. Precision Testing observes and maintains client confidentiality, and limits reproduction of this report, except in full, without prior approval of Precision Testing.

eo

Signed:



Eric Olson, President

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11-Oct-21

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Mr. Claudio Gouveia
Marseg S.A.
Arsenio Gonzales 943 c/ Rio de Janeiro
San Lorenzo- Paraguay

Cc: joaob.silva@bsbsafety.com

PO #: n/a

Item: Three (3) pair of footwear

Identification: Style: 4035UAA
Also Cover Styles: 4035USA, 4035USE, 4035USL (as stated by client)
Size: BR 41 (equivalent to size 9 US per client)
Gender: Men's

Purpose: Impact Resistance, Compression Resistance; ASTM F 2412-18a/ASTM F2413-18

Test	Unit of Measure	Specimen Results			Average	Requirements	Pass / Fail
Impact Resistance						Rating 75 Male	
ASTM F 2412-18a							
ASTM F 2413-18							
	Resistance, in.	0.625	0.737	0.686	0.683	0.500 min.	Pass
	Velocity, in./sec	117.7	118.5	118.1	118.1	117.9±2.4"sec.	Pass
Compression Resistance							
ASTM F 2412-18a							
ASTM F 2413-18							
	Resistance, in.	0.889	0.857	0.860	0.869	0.500 min.	Pass

Footwear complies with the performance requirements of ASTM F 2412 / 2413 for Protective Footwear in the categories tested above.

Test Note: The test specimens were conditioned and tested in accordance with ASTM F2412-18a Standard Conditions of 22°C (± 2°C) and 50% RH (± 5%).

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Signed: 
Eric Olson, President