

**INSULATION TEST CERTIFICATE****Nr.:****107192****Date:****07/07/2026****Pag. 1 de 1.****1. GENERAL TEST DATA**

|                                 |                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Requester:</b>               | Tramontina Garibaldi S.A. Ind. Met.                                                                                                                                                                                                                                                                                                  |
| <b>Test date:</b>               | 07/07/2026                                                                                                                                                                                                                                                                                                                           |
| <b>Place:</b>                   | Tramontina Garibaldi S.A. Test Laboratory, located at Tramontina Street,<br>600 – Garibaldi – RS                                                                                                                                                                                                                                     |
| <b>Environmental Condition:</b> | Temperature from 18 °C to 28 °C and 45% to 75% relative humidity                                                                                                                                                                                                                                                                     |
| <b>Test method:</b>             | Before the test, the sample is conditioned as described in IEC 60900:2018,<br>sections 5.5.2.2 or 5.5.2.3. After the conditioning period, the sample is<br>submitted to voltage of 10 kV r.m.s (60 Hz) for 3 minutes, in accordance with<br>item 5.5.3 – Dielectric Test of Insulated Hand Tools, of the aforementioned<br>standard. |

**2. TESTED ITEM IDENTIFICATION**

|                                    |                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Manufacturer:</b>               | Tramontina Garibaldi S.A. Ind. Met.                                                               |
| <b>Description of tested item:</b> | 15 mm IEC 60900 Open End Wrench                                                                   |
| <b>Reference:</b>                  | 44320/015                                                                                         |
| <b>Manufacturing order number:</b> | 1204989                                                                                           |
| <b>Sample:</b>                     | The tested samples come from the industrial process of the aforementioned<br>manufacturing order. |

**3. STANDARD IDENTIFICATION**

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Equipment:</b>             | High Voltage Source                                                                                                                   |
| <b>Identification Number:</b> | 100/013                                                                                                                               |
| <b>Traceability:</b>          | Calibrated by LABELO Laboratory, recognized by Cgcre/Inmetro CAL 0024,<br>Calibration Certificate No. E0012/2026, according to PL015. |

**4. TEST RESULT IN ACCORDANCE TO IEC 60900:2018 STANDARD**

| <b>Batch representative sample</b> | <b>RESULT</b>   |
|------------------------------------|-----------------|
| <b>44320/015</b>                   | <b>Approved</b> |

**NOTES:**

- a) This tool underwent insulation testing, and even after long storage periods, it is suitable for use.  
After the first application, annual recertification is necessary.
- b) The results shown herein are related exclusively to the tested tool, within the specified conditions.  
They cannot be extended to any lot, even for similar products.
- c) This document may only be reproduced in full. Partial reproduction requires written approval from the laboratory.



Eng. José Carlos Rizzolli  
Authorized Signer