

<b>INSULATION TEST CERTIFICATE</b>	Nr.:	82293
	Date:	31/01/2024

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<b>1. GENERAL TEST DATA</b>	
Requester:	Tramontina Garibaldi S.A. Ind. Met.
Test date:	31/01/2024
Place:	Tramontina Garibaldi S.A. Test Laboratory, located at Tramontina Street, 600 – Garibaldi – RS
Environmental Condition:	Temperature from 18 °C to 28 °C and 45% to 75% relative humidity
Test method:	Before the test, the sample is conditioned as described in IEC 60900:2018, sections 5.5.2.2 or 5.5.2.3. After the conditioning period, the sample is submitted to voltage of 10 kV r.m.s (60 Hz) for 3 minutes, in accordance with item 5.5.3 – Dielectric Test of Insulated Hand Tools, of the aforementioned standard.

<b>2. TESTED ITEM IDENTIFICATION</b>	
Manufacturer:	Tramontina Garibaldi S.A. Ind. Met.
Description of tested item:	13mm IEC 60900 Open End Wrench
Reference:	44320/013
Manufacturing order number:	215713
Sample:	The tested samples come from the industrial process of the aforementioned manufacturing order.

<b>3. STANDARD IDENTIFICATION</b>	
Equipment:	High Voltage Source
Identification Number:	100/013
Traceability:	Calibrated by LABELO Laboratory, recognized by Cgcre/Inmetro CAL 0024, Calibration Certificate No. E0009/2020, according to PL015.

<b>4. TEST RESULT IN ACCORDANCE TO IEC 60900:2018 STANDARD</b>	
<b>Batch representative sample</b>	<b>RESULT</b>
44320/013	<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