

## **CIPED - ELECTRICAL INSULATION LABORATORY** Certificate of Recognition No. 11002

Nr.:

Calibrated by LABELO Laboratory, recognized by Cgcre/Inmetro CAL

0024, Calibration Certificate No. E0009/2020, according to PL015.

**RESULT** 

**Approved** 



INSULATION TEST CERTIFICATE		Nr.:	74792
		Date:	29/06/2023
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1. GENERAL TEST DATA			
Requester:	Tramontina Garibaldi S.A. Ind. Met.		
Test date:	29/06/2023		
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.		
2. TESTED ITEM IDENTIFICATION			
Manufacturer:	Tramontina Garibaldi S.A. Ind. Met.		
Description of tested item:	14mm IEC 60900 Ring Spanner		
Reference:	44322/014		
Manufacturing order number:	196574		
Sample:	The tested samples come from the industrial process of the aforementioned manufacturing order.		
3. STANDARD IDENTIFICATION			
Equipment:	High Voltage Source		
Identification Number:	100/013		

## NOTES:

Traceability:

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.

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

**Batch representative sample** 44322/014

- 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**