

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

Nr ·

**RESULT** 

**Approved** 



INSULATION TEST CERTIFICATE		Nr.:	80968	
		Date:	12/12/2023	
1. GENERAL TEST DATA			Pag. 1 de 1.	
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Requester:	Tramonti	Tramontina Garibaldi S.A. Ind. Met.		
Test date:		12/12/2023		
Place:		Tramontina Garibaldi S.A. Test Laboratory, located at Tramontina Street, 600 – Garibaldi – RS		
Environmental Condition:	Temperature from 18 °C	Temperature from 18 °C to 28 °C and 45% to 75% relative humidity		
Test method:	sections 5.5.2.2 or 5.5.2.3 submitted to voltage of 10 k with item 5.5.3 – Dielec	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:	Tramonti	Tramontina Garibaldi S.A. Ind. Met.		
Description of tested item:	8mm	8mm IEC 60900 Nut Drivers		
Reference:		44317/008		
Manufacturing order number:		221318		
Sample:		The tested samples come from the industrial process of the aforementioned manufacturing order.		
3. STANDARD IDENTIFICATION				
Equipment:	Н	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.		
4. TEST RESULT IN ACCORDANCE TO IEC 60900:	2018 STANDARD			

## 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.

**Batch representative sample** 44317/008

- 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**