

CIPED – ELECTRICAL INSULATION LABORATORY Certificate of Recognition No. 11002



| INSULATION TEST CERTIFICATE | | Nr.: | 71032 |
|---|--|-------|------------|
| | | Date: | 16/02/2023 |
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| 1. GENERAL TEST DATA | | | |
| Requester: | Tramontina Garibaldi S.A. Ind. Met. | | |
| Test date: | 16/02/2023 | | |
| 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: | 8" IEC 60900 Combination Pliers | | |
| Reference: | 44300/008 | | |
| Manufacturing order number: | 174422 | | |
| 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 | | |
| 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 | | | |

RESULT

Approved

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 44300/008

- 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