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| INSULATION TEST CERTIFICATE | Nr.: | 72186 |
| | Date: | 29/03/2023 |

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| 1. GENERAL TEST DATA | |
| Requester: | Tramontina Garibaldi S.A. Ind. Met. |
| Test date: | 29/03/2023 |
| 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. |

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| 2. TESTED ITEM IDENTIFICATION | |
| Manufacturer: | Tramontina Garibaldi S.A. Ind. Met. |
| Description of tested item: | 12mm IEC 60900 Open End Wrench |
| Reference: | 44320/012 |
| Manufacturing order number: | 183138 |
| Sample: | The tested samples come from the industrial process of the aforementioned manufacturing order. |

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| 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. |

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| 4. TEST RESULT IN ACCORDANCE TO IEC 60900:2018 STANDARD | |
| Batch representative sample | RESULT |
| 44320/012 | 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.
- 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