

|                                    |       |            |
|------------------------------------|-------|------------|
| <b>INSULATION TEST CERTIFICATE</b> | Nr.:  | 79690      |
|                                    | Date: | 09/11/2023 |

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#### 1. GENERAL TEST DATA

|                          |                                                                                                                                                                                                                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Requester:               | Tramontina Garibaldi S.A. Ind. Met.                                                                                                                                                                                                                                                                                      |
| Test date:               | 09/11/2023                                                                                                                                                                                                                                                                                                               |
| 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 Open End Wrench                                                                 |
| Reference:                  | 44320/014                                                                                      |
| Manufacturing order number: | 215714                                                                                         |
| 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

| Batch representative sample | RESULT          |
|-----------------------------|-----------------|
| 44320/014                   | <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