

## CIPED – ELECTRICAL INSULATION LABORATORY Certificate of Recognition No. 11002



INSULATION TEST CERTIFICATE	Nr.:	75150
MODEATION TEST CENTIFICATE	Date:	14/07/2023
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1. GENERAL TEST DATA Requester: Tramontina Garibaldi S.A. Ind. Met. Test date: 14/07/2023  Place: Tramontina Garibaldi S.A. Test Laboratory, located at Tramontina Str 600 – Garibaldi – RS  Environmental Condition: Temperature from 18 °C to 28 °C and 45% to 75% relative humidit.  Before the test, the sample is conditioned as described in IEC 60900:2 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 accordar 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: 7mm IEC 60900 Nut Drivers  Reference: 44317/007  Manufacturing order number: 199534  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  Transcabilities: Calibrated by LABELO Laboratory, recognized by Cycre/Inmetro CA		Date.	14/07/2023		
Requester: Tramontina Garibaldi S.A. Ind. Met. Test date: 14/07/2023  Place: Tramontina Garibaldi S.A. Test Laboratory, located at Tramontina Str 600 – Garibaldi – RS  Environmental Condition: Temperature from 18 °C to 28 °C and 45% to 75% relative humidity. Before the test, the sample is conditioned as described in IEC 60900:2 sections 5.5.2.2 or 5.5.2.3. After the conditioning period, the sample submitted to voltage of 10 Vr. ms. (60 N LP) for 3 minutes, in accordat 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: Tramontina Garibaldi S.A. Ind. Met.  Description of tested item: Tramontina Garibaldi S.A. Ind. Met.  Description of tested item: The tested samples come from the industrial process of the aforementioned manufacturing order.  3. STANDARD IDENTIFICATION  Equipment: Indigitation Number: Indigitation Number: Calibrated by LABELO Laboratory, recognized by Cgcre/Inmetro CA 0024, Calibration Certificate No. E0009/2020, according to PL015.  4. TEST RESULT IN ACCORDANCE TO IEC 60900:2018 STANDARD  Batch representative sample RESULT			Pag. 1 de 1.		
Test date:  Place:  Tramontina Garibaldi S.A. Test Laboratory, located at Tramontina Str 600 – Garibaldi – RS  Environmental Condition:  Temperature from 18 °C to 28 °C and 45% to 75% relative humidity.  Before the test, the sample is conditioned as described in IEC 60900:2 sections 5.5.2.2 or 5.5.2.3. After the conditioning period, the sample submitted to voltage of 10 Vr. ms. (60 N Vr. ms. (60 N LP) for 3 minutes, in accordat 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:  7mm IEC 60900 Nut Drivers  Reference:  44317/007  Manufacturing order number:  199534  Sample:  The tested samples come from the industrial process of the aforementioned manufacturing order.  3. STANDARD IDENTIFICATION  Equipment:  High Voltage Source  Identification Number:  Calibrated by LABELO Laboratory, recognized by Cgcre/Inmetro CA 0024, Calibration Certificate No. E0009/2020, according to PL015.  4. TEST RESULT IN ACCORDANCE TO IEC 60900:2018 STANDARD  Batch representative sample  RESULT	1. GENERAL TEST DATA				
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Environmental Condition:  Temperature from 18 °C to 28 °C and 45% to 75% relative humidity.  Before the test, the sample is conditioned as described in IEC 60900:2 sections 5.5.2.2 or 5.5.2.3. After the conditioning period, the sample 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:  Reference:  44317/007  Manufacturing order number:  199534  Sample:  3. STANDARD IDENTIFICATION  Equipment:  High Voltage Source  Identification Number:  Traceability:  Calibrated by LABELO Laboratory, recognized by Cgcre/Inmetro CA 0024, Calibration Certificate No. E0009/2020, according to PL015  4. TEST RESULT IN ACCORDANCE TO IEC 60900:2018 STANDARD  Batch representative sample  RESULT	Test date:	14/07/2023	14/07/2023		
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Test method:  sections 5.5.2.2 or 5.5.2.3. After the conditioning period, the sample submitted to voltage of 10 kV r.m.s (60 Hz) for 3 minutes, in accordar 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:  7mm IEC 60900 Nut Drivers  Reference:  44317/007  Manufacturing order number:  199534  Sample:  The tested samples come from the industrial process of the aforementioned manufacturing order.  3. STANDARD IDENTIFICATION  Equipment:  High Voltage Source  Identification Number:  Traceability:  Calibrated by LABELO Laboratory, recognized by Cgcre/Inmetro CA 0024, Calibration Certificate No. E0009/2020, according to PL015.  4. TEST RESULT IN ACCORDANCE TO IEC 60900:2018 STANDARD  Batch representative sample  RESULT	Environmental Condition:	Temperature from 18 °C to 28 °C and 4	Temperature from 18 °C to 28 °C and 45% to 75% relative humidity		
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Batch representative sample RESULT	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 60900:201	8 STANDARD			
44317/007 Approved	Batch representative sample	RESULT			
	44317/007	Approved	l		

## 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