



working for a safer tomorrow

KARANDIKAR LABORATORIES PVT LTD

F # 07 b.8 Rev. 00

TEST REPORT	
REPORT NO	KLPL/BTG/23/06-35A
LOCATION OF PERFORMANCE OF TEST	Test Laboratory
DATE OF ISSUE	14.06.2023
TOTAL NO OF PAGES	3
NAME AND ADDRESS OF ORGANIZATION REQUESTING SERVICE:	PERFECT TOOLS & ENGINEERING Bhattiyo Ka Mohalla ,Loharpura,Nagaur, Rajasthan - 341001 (INDIA)
SERVICE REQUEST DETAILS	PO No: 221 Dated: 31.05.2023
ITEM RECEIVED ON	31.05.2023
PRODUCT (Including Model/type Ref.)	Combination Pliers 1. PVC rubber
SERIAL NO	N/A
SCOPE	High Voltage Test as per Customer requirements
TESTING COMPLETED ON	10.06.2023
<p>The test results presented in this report relate only to the specific object tested, and the assessment results relate only to the documents listed in the documents list of this report.</p> <p>The report number, page number and total number of pages must be included on all pages of this report.</p> <p>This report shall not be reproduced except in full. Where values of uncertainty of measurements are given, these are expressed at the 95% confidence level unless otherwise specified</p> <p>*EUT- Equipment Under Test</p>	
FINAL CONCLUSION: The EUT tested meets the requirement of test specified in the scope of this report.	
This report was written by: KUNAL BARI  TESTING ENGINEER Karandikar Laboratories Pvt. Ltd.	This report was verified by: VIKRANT RAUT  SR. TESTING ENGINEER Karandikar Laboratories Pvt. Ltd.





working for a safer tomorrow

KARANDIKAR LABORATORIES PVT. LTD. BOISAR

Report No.: KLPL/BTG/23/06-35A

Dated: 14.06.2023

SAMPLE DESCRIPTION

Product Name: Combination Pliers

1. PVC rubber



Sample 2 : PVC rubber

Photographs of EUT

Sr. No	Standard & Customer Requirements	Test Name	Page No
1	As per customer requirements	High Voltage Test	3

Head Office: B-101, Ansa Industrial Estate, Saki Vihar Road, Saki Naka, Andheri (E) Mumbai-400072 INDIA Ph: (022) 28471395

Laboratory: Gat#142, Betegaon, Boisar Chilhar Road, Opp. Union Park, Boisar (E) Tal-Palghar Dist Thane. 401501 INDIA Phone (02525) 284881/931

Email:sales@karandikarlab.com

Website: www.karandikarlab.com



1. Test Name: High Voltage Test

- i. **Test Purpose:** To Ensure that no disruptive discharge occurs on the EUT on application of High Voltage.
- ii. **Test Procedure:**

Sr. No.	Procedure	Remark
1	A AC voltage of 4500V is to be applied to each specimen	Followed
2	The test voltage of 4500 V is to be applied between the specimens metal body and insulated material.	Followed
3	The test voltage is to be applied for the duration of 60 sec.	Followed
4	Acceptance Criteria: No electrical breakdown shall occur.	Followed

iii. **Equipment Used :**

Equipment name	Equipment Id. No./Sr. No.	Re-calibration Date
High Voltage Tester	K&A 483	25.10.2023

iv. **Observation :**

Ambient Temperature: 23°C & Relative Humidity: 54%RH

Test start on: 10.06.2023 & Test completed on: 10.06.2023

Sr. No.	Tested Part	Test Location	Test Voltage	Test duration (seconds)	Acceptance Criteria	Result
1	PVC rubber	Metal body and insulated material	4500 Vac	60	No electrical breakdown shall occur	Pass

- v. **Conclusion:** The EUT tested meet the requirement of test specified in the scope of this report.

End of the Test Report

