



KARANDIKAR LABORATORIES PVT LTD

F # 07b.5 Rev. 04

working for a safer tomorrow

TEST REPORT

REPORT NO	KLPL/BTG/23/06-35A	
ULR NO	TC4110230000000143F	
DISCIPLINE	Electrical Discipline	
GROUP/CATEGORY	Insulating Materials	
SUB-CATEGORY	Rubber Products	TC-4110
LOCATION OF PERFORMANCE OF TEST	Test Laboratory	
DATE OF ISSUE	10.06.2023	
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	Challan No: PO No: 221	Dated: 31.05.2023
ITEM RECEIVED ON	31.05.2023	
PRODUCT (Including Model/type Ref.)	Combination Pliers PVC rubber	
SERIAL NO	-----	
SCOPE	High Voltage Test as per IEC 60950 & as 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: VIKRANT RAUT TESTING ENGINEER Karandikar Laboratories Pvt. Ltd.		This report was verified and approved by: JAVED SHAIKH DY.LAB MANAGER Karandikar Laboratories Pvt. Ltd.



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

SAMPLE DESCRIPTION

1. Product Name: Combination Pliers (PVC rubber)

Serial No : ----



Photographs of EUT

Sr.No	Standard & Customer Requirements	Test Name	Page No
1	As per IEC 60950 & as per customer requirements	High Voltage Test	3



1. Test Name:

- 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. **Equipments 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

