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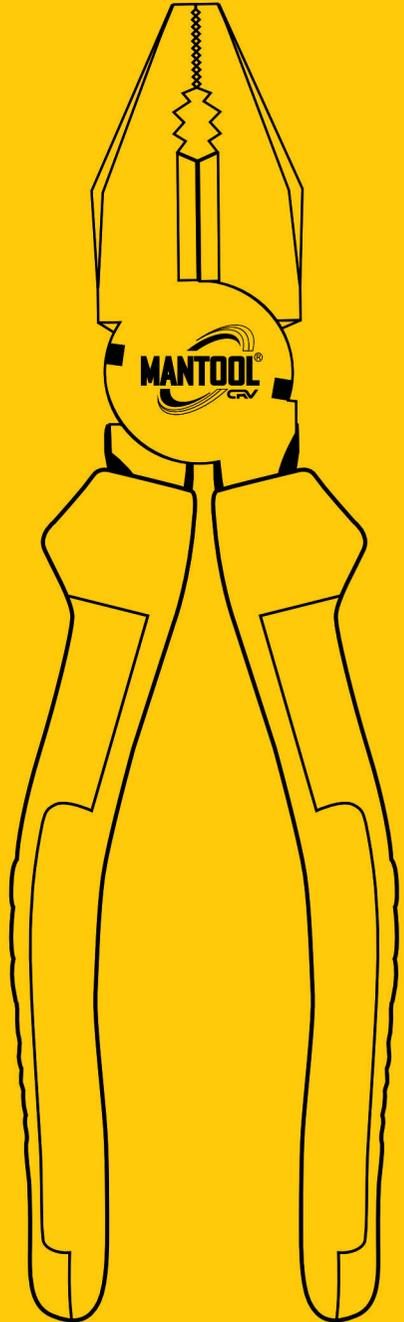
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MANTOOL[®]
PROFESSIONAL EXPERIENCE

AN ISO-9001 COMPANY



www.mantools.in





We Deliver Enduring Results

- ✔ Perfect Tool and Engineering makes premium quality professional grade tools that deliver performance, durability and precision.
- ✔ Quality Assurance MANTOOL® Combination Pliers
The Pliers made from high grade Steel, forged and differentially heat treated to give performance. Fully insulated with quality plastic material sleeves ensures safe electrical working.
- ✔ It has excellent wire cutting ability for soft and hard- wires. Available with fully polished head or Black phosphated and bright polished head.

Certificate of Registration



NABL ACCREDITED LAB
NATIONAL ACCREDITATION BOARD FOR
TESTING & CALIBRATION LABORATORIES



TC-4110

ULR NO. - TC4110230000000000XFF

PERFECT TOOLS AND ENGINEERING

Assessed and accredited in accordance with the standard ISO/IEC 60950:2017

"General requirement for competence of testing and calibration laboratories"

In the field of calibration by

NABL



Certificate of Registration

This is to certify that

PERFECT TOOLS AND ENGINEERING

FACTORY ADDRESS: - J-101, RICCO INDUSTRIAL AREA BASNI ROAD, NAGAR RAJASTHAN 341001, INDIA
OFFICE ADDRESS: - NEAR BADI MASHDI, BHATTIYON KA MOHALLA, LOHARPURA, NAGAR, RAJASTHAN 341001, AND INDIA

has been independently assessed by QRO and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

PROVISION FOR MANUFACTURERS AND SUPPLIER HAND TOOLS.

Date of Certification: 3rd April 2023
1st Surveillance Audit Due: 2nd April 2024

2nd Surveillance Audit Due: 2nd April 2025
Certificate Expiry: 2nd April 2026

Certificate Number: 3050230403390Q



Chaman
Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit. (In case surveillance audits is not allowed to be conducted this certificate shall be suspended/ withdrawn).
The Validity of this certificate can be verified at www.qroert.org
This certificate of registration remains the property of QRO Certification LLP and shall be returned immediately upon request.

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142, 14rd Floor, Anar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)
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KARANDIKAR LABORATORIES PVT LTD

F 07 3.0 Rev. 00

working for a safer tomorrow

TEST REPORT	
REPORT NO	KLP/RTG/22/06-35A
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 Bhattiya Ka Mohalla, Loharpura, Nagar, 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	30.06.2023
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.	
The report number, page number and total number of pages must be included on all pages of this report.	
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.	
*LUT: Equipment Under Test	
FINAL CONCLUSION: The EUT tested meets the requirement of test specified in the scope of this report.	
This report was written by:	This test was verified by:
RUNAL BADI TESTING ENGINEER Karandikar Laboratories Pvt. Ltd.	VEERANT BADI SR. TESTING ENGINEER Karandikar Laboratories Pvt. Ltd.



KARANDIKAR LABORATORIES PVT. LTD. BOISAR

Report No.: KLP/RV/23/06-35A

Dated: 14.06.2023

working for a safer tomorrow

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	KBA 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



Head Office: B-201, Ansa Industrial Estate, Sahi Vihar Road, Sahi Naba, Andheri (E) Mumbai-400072 (INDIA) Ph: (022) 28471395
Laboratory: G-142, Brijpura, Sector Chakla Road, Opp. Union Park, Sector 103 Palgarh Dist. Thane, 401502 (INDIA) Ph: (022) 284881931
Email: info@karandikar.com

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MANTOOL COMBINATION PLIERS

- With gripping zones for flat and round material, suitable for versatile use
- Jaws & cutting edges are Induction Hardened & Tempered- Glazed Finish
- Long cutting edges for thicker cables
- Anti-Rust Protected
- Cutting edges hardness approx. 45-55 HRC
- Made By High Carbon Steel
- Cellulose Tested Certified Acetate Sleeve
- Generally Conforming to IS : 3650-1981



Item Code	Description	Size	SBP	MCB
1803	Matt Polished	155 MM/6"	5	240
1803	Matt Polished	205 MM/8"	5	140
1803	Auto Black	155 MM/6"	5	240
1803	Auto Black	205 MM/8"	5	140
1803	Auto Black HV	205 MM/8"	6	96
1803	Chrome Coated HV	205 MM/8"	6	96

MANTOOL LONG NOSE PLIERS

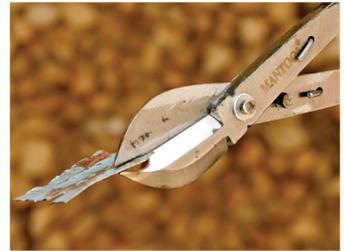
- Distortion-tolerant, Tempered-Glazed Finish
- Half-round, long pointed jaws
- Anti-Rust Protected
- Cutting edges hardness approx. 45-55 HRC for soft, medium-hard wire
- Made By High Carbon Steel
- Cellulose Tested Certified Acetate Sleeve
- Generally Conforming to IS : 3552-1989



Item Code	Description	Size	SBP	MCB
1804	Matt Polished	155 MM/6"	6	240
1804	Auto Black	155 MM/6"	6	240
1804	Auto Black HV	155 MM/6"	6	120

MANTOOL IRANI & STEEL CUTTER

- Exceeds ANSI standards for cutting performance & durability
- Tough alloy steel blade
- Comfortably grips
- Cuts up 0.78mm of cold rolled steel & 0.46mm of stainless steel



Item Code	Description	Size	SBP	MCB
1806	Matt Polished HS	205 MM/8"	6	100
1806	Matt Polished HS	250 MM/10"	6	100
1806	Auto Black PVC	205 MM/8"	10	200
1806	Auto Black PVC	250 MM/10"	10	200
1807	Steel Cutter	175 MM/7"	10	300

MANTOOL CLAW HAMMER WITH PIPE HANDLE

- Fully heat treated carbon steel head for strength, durability & safety
- Soft grip ergonomic handle for comfort & grip
- 5 tonne force fit head to handle assembly for improved safety
- Seamless, oval, tubular steel shaft for strength & balance



Item Code	Description	Size	SBP	MCB
1807	Matt Polished	3/4 LB	6	100
1807	Matt Polished	1 LB	6	100

NEWTON COMBINATION PLIER (NON CRV)

Item Code	Description	Size	SBP	MCB
21-6	Matt Polished	155 MM/6"	6	240
21-6	Matt Polished	155 MM/6"	6	240
21-8	Matt Polished	205 MM/8"	6	180



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Nagaur 341001 (Rajasthan) INDIA



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