



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**ROOTS METROLOGY & TESTING LABORATORY**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

S.F.NO.265,R.K.G INDUSTRIAL ESTATE, GANAPATHY, COIMBATORE, TAMIL NADU, INDIA

in the field of

**TESTING**

Certificate Number: TC-6541

Issue Date: 04/02/2024

Valid Until:

03/02/2026

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Entity: ROOTS INDUSTRIES INDIA PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ROOTS METROLOGY & TESTING LABORATORY, S.F.NO.265,R.K.G INDUSTRIAL ESTATE, GANAPATHY, COIMBATORE, TAMIL NADU, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-6541

**Page No**

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**Validity**

04/02/2024 to 03/02/2026

**Last Amended on**

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic Components	Change of Temperature (Temperature Cyclic)	IEC 60068-2-14
2	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic Components	Thermal Shock Test	IEC 60068-2-14
3	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic Components	Thermal Shock Test	ISO 16750-4
4	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic Components	Vibration Test - Sinusoidal Vibration Test, Random Vibration Test, Mechanical Shock Vibration test	ISO 16750-3
5	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic Components	Vibration Test - Random Vibration Test	IEC 60068-2-64
6	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic Components	Change of Temperature (Temperature Cyclic)	ISO 16750-4
7	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic components	Cold Test (Low Temperature)	IEC 60068-2-1
8	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic components	Neutral Salt Spray Corrosion Resistance - Salt solution ratio of NaCl	IEC 60068-2-11
9	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic components	Neutral Salt Spray Corrosion Resistance - Salt solution ratio of NaCl	ASTM B117-19
10	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic components	Neutral Salt Spray Corrosion Resistance - Salt solution ratio of NaCl	IS 9000 (Part 11)
11	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic components	Neutral Salt Spray Corrosion Resistance - Salt solution ratio of NaCl	ISO 9227
12	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic Components	Vibration Test - Sinusoidal Vibration Test	IEC 60068-2-6
13	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronic Components	Vibration Test - Sinusoidal Vibration Test, Random Vibration test	SAEJ 1455



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**Validity**

04/02/2024 to 03/02/2026

**Last Amended on**

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
14	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronics Components	Cold Test (Low Temperature)	ISO 16750-4
15	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronics Components	Damp Heat Test	IEC 60068-2-30
16	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronics Components	Damp Heat Test	IEC 60068-2-78
17	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronics Components	Damp Heat Test	IS 9000 (Part 4)
18	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronics Components	Damp Heat Test	ISO 16750-4
19	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronics Components	Dry Heat Test (High Temperature)	IEC 60068-2-2
20	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronics Components	Dry Heat Test (High Temperature)	IS 9000 (Part 3 / Sec 1 to 5)
21	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronics Components	Dry Heat Test (High Temperature)	ISO 16750-4
22	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Electrical & Electronics Components	Damp Heat Test	IS 9000 (Part 5 / Sec 1 & 2)