



**CIRT**  
Excellence in Transport

CENTRAL INSTITUTE OF ROAD TRANSPORT

सेन्ट्रल इन्स्टीट्यूट ऑफ रोड ट्रांसपोर्ट



## ELECTRICAL LABORATORY

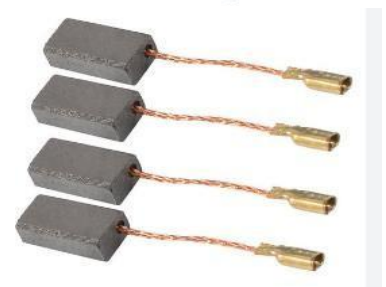


## ABOUT

CIRT has a state of art test facility to test and certify automotive electrical components. Electrical Lab is accredited by NABL for Lead Acid Battery testing as per IS:14257 and few parameters in AIS:048. Electrical Lab has issued many certificates and developmental test reports to many of the leading battery manufacturers.

## MAJOR TEST CAPABILITIES

- ♣ Lead Acid & Li-ion Battery
- ♣ Automotive Horns
- ♣ Electrical Energy Consumption Test
- ♣ Range Test
- ♣ Motor Power Test
- ♣ Automotive Cables
- ♣ Switches & Flashers
- ♣ Armatures & Field Coils
- ♣ Wiper Motor/Wiper Blade/ Wiper Arm
- ♣ Windscreen Wiping System
- ♣ DC Coach Fan
- ♣ Carbon Brushes
- ♣ Fuses and PVC Insulated Tapes



## MAJOR EQUIPMENTS IN ELECTRICAL LAB



**CLIMATIC CHAMBER**



**COLD CHAMBER**



**BITRODE BATTERY TEST SYSTEM**



**SALT SPRAY CHAMBER**



**VIBRATION AND SHOCK MACHINE WITH CLIMATIC CHAMBER 3.5T**

## KEY TEST FACILITIES IN ELECTRICAL LAB

SR.NO	TEST ITEM	SPECIFICATIONS
1	Lead Acid Batteries	IS:14257/JIS 5301/ JIS 5302/ ASRTU Standards
2	Li-Ion Battery	AIS:048
3	Automotive Horn	IS:1884
4	Electrical Energy Consumption Test	AIS:039 (Rev.1)
5	Range Test	AIS:040 (Rev.1)
6	Motor Power Test	AIS:041 (Rev.1)
7	Windscreen Wiping System	IS:15802/AIS:045
8	DC Coach Fan	ASRTU Standards
9	Electronic Flasher	ASRTU Standards
10	Wiper Motor/Wiper Blade/Wiper Arm	ASRTU Standards
11	Armatures & Field Coil	ASRTU Standards
12	Switches	ASRTU Standards
13	Automotive Cables	IS:2465/IS:9857/ASRTU Standards
14	PVC Insulated Tapes	ASRTU Standards
15	Fuse	AIS:028

## OUR TEAM

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