



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

**Laboratory** CSIR-Battery Performance Testing and Evaluation Centre (CSIR-BPTEC), Central Electrochemical Research Institute (Council of Scientific & Industrial Research), CSIR-CECRI Campus, College Road, Karaikudi, Tamil Nadu

**Accreditation Standard** ISO/IEC 17025: 2005

**Certificate Number** TC-5353 (Reprinted on 27.03.2017 in lieu of Page 1 of 5 T-3245)

**Validity** 19.12.2016 to 18.12.2018 Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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### ELECTRICAL TESTING

<b>BATTERIES</b>				
1.	Lead acid storage batteries for motor cycles, auto rickshaws and similar vehicles  Stationary cells and batteries Lead Acid type (with tubular positive plates)	Verification of marking Verification of dimensions Capacity  Voltage during discharge Ampere-hour and watt-hour efficiency Loss of capacity on storage	IS 1651: 2013 Cl.12.3 IS 1651: 2013 Cl.12.4  IS 1651: 2013 Cl.12.5  IS 1651: 2013 Cl.12.10  IS 1651: 2013 Cl.12.9  IS 1651: 2013 Cl.12.7	Qualitative 1 mm to 1000 mm  0.01 V DC to 400 V DC 0.1 A DC to 1400 A DC 0.01 V DC to 400 V DC 0.1 A DC to 1400 A DC 0.01 V DC to 400 V DC 0.1 A DC to 1400 A DC 0.01 V DC to 400 V DC 0.1 A DC to 1400 A DC
2.	Lead acid storage batteries for motor cycles, auto rickshaws and similar vehicles  Stationary lead Lead Acid batteries (with tubular positive plates) in monobloc container	Verification of Constructional requirements Verification of marking  Verification of dimensions Capacity  Ampere-hour and watt-hour efficiency Loss of capacity on storage	IS 13369: 1992 (RA 2012) Cl.11.2  IS 13369: 1992 (RA 2012) Cl.11.3 IS 13369: 1992 (RA 2012) Cl.11.4 IS 13369: 1992 (RA 2012) Cl.11.5 IS 13369: 1992 (RA 2012) Cl.11.8 IS 13369: 1992 (RA 2012) Cl.11.6	Qualitative  Qualitative  1mm to 1000 mm  0.01 V DC to 400 V DC 0.1 A DC to 1400 A DC 0.01 V DC to 400 V DC 0.1 A DC to 1400 A DC 0.01 V DC to 400 V DC 0.1 A DC to 1400 A DC

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