

# Bharti Automation

**Independent, Accredited & Recognized Testing Laboratory**

## ABOUT US

Bharti Automation offers testing facilities accredited as per ISO/IEC 17025 standard by National Accreditation Board (NABL) and recognized by various regulators (like Bureau of Indian Standards(BIS), & Telecommunication Engineering Centre(TEC).

**24\*7 SUPPORT**

**+91 9711337466**

**FREE**

**SAMPLE PICK UP**



## OUR SERVICES

- **Conformity Testing for quality & performance**
- **Regulatory Compliance Testing for safety**
- **Energy Efficiency Testing for appliances**

## WHY CHOOSE US

- ✓ **Experience**
- ✓ **In-time service**
- ✓ **Affordable Pricing**

**Web:**  
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## INTRODUCTION

- Bharti is owning a world-Class ISO/IEC 17025 accredited test laboratory. The lab provides testing services using well equipped infrastructure with the help of qualified professionals.
- BAPL testing lab IS located in Manesar Gurugram. The state of art Facility is Accredited to ISO/IEC 17025 by NABL and largely recognized by the Bureau of Indian Standards (BIS).
- BAPL is engaged in Safety Testing & Performance Testing in the fields of Electrical & Electronics, Mechanical, IT, Medical & related areas.
- The test results of BAPL are internationally accepted under provisions of the International Agreement signed by NABL.

## KEY HIGHLIGHTS

- One of the few Private labs recognized by BIS for conducting safety testing of notified electronic products
- Accredited & Recognized Services
- Trained & Qualified Test Engineers
- BIS, CRS, TEC, CE Regulator accepted Testing
- World Class Test facility with Controlled Environment.
- Prompt Delivery & Credible Results

## TEST CAPABILITIES

- Compulsory Registration Scheme
- ISI Mark
- Energy Efficiency (BEE)
- Telecom (TEC)
- MNRE
- CII Safety & EMC Mark

## MAJOR TEST FACILITIES

- Environmental test
- Vibration Test
- Ingress Protection test (IP)
- (IP 1X to IP6X and IPX1 to IPX8)
- Climatic Test
- ESD Test
- C Type Goniophotometer
- Integrating Sphere
- Life Test
- Endurance Test
- Surge test
- Impulse Test
- Salt Spray Test
- Climatic Test (Cold/Hot/Humidity)



# Scope of accreditation as per the Indian Standards

## A. Safety Testing

- Protection against electric shock (PAES) Test
- High Voltage Test
- Insulation Resistance Test
- Leakage Current Test
- Impulse Test (1.2/50  $\mu$ s & 10/700  $\mu$ s)
- Surge Voltage (1.2/50  $\mu$ s) Test
- Glow wire Test
- Needle flame Test
- Ball Pressure Test,
- Flammability Test (UL94)
- Clearance & Creepage Test
- Proof tracking Index/ Tracking Resistance Test
- Motor Locked Rotor Test, etc

## B. Environmental Testing

- Dry heat/High temperature Test
- Test Temperature cycling/ Thermal Shock Test
- Damp heat Steady State Test,
- Tropical Exposure
- (Damp Heat Cyclic test),
- Vibration Test
- Mechanical Shock Test
- Drop Test
- Topple Test
- Free Fall Test
- Bump Test
- Salt spray (Neutral/Cycling/CASS/ASS/ASW)
- Altitude Test
- Impact Test (IK) etc.

## C. Other Products in Complete Test Range

- Home Appliances
- IT Product
- Railway Application- Electronic Equipment
- Audio Video Products
- Lamps and Luminaries
- Wires, Cables and Conductors
- Batteries, Cells and Power Supply
- Information/ Communication technology
- Electrical Transmission Line Equipments
- Development Test/ Customized Test
- E-Vehicle battery, Motor and Controllers
- Medical Products
- Defense products
- Automobile Product Testing
- Lab equipment and Machinery Testing



## Bharti Automation Private Limited

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