



**Electrical**  
 Cables, Wires, Conduits,  
 Connectors

- BTH is equipped with facilities for testing as per National & International Standards.



**BHARAT TEST HOUSE Pvt. Ltd.**

NABL ACCREDITED & BIS RECOGNISED, ISO 9001, ISO 14001 & ISO 45001 CERTIFIED LAB



Recognised



## Electrical

Cables, wires, conduits, connectors, etc.



**BTH** current facility offers adequate testing services as per the Indian Standards Requirements on Quality & Safety tests for various category/capacity of Electrical Wires & Cables as per its current scope of accreditation. Various types of cables are used for household wiring, domestic appliances, railways, industrial and Power distribution systems, safety alarms and find special applications in hospitals, lifts, conveyers, etc.

**BTH** is fully equipped with all required facilities for testing and certification of following Power cables with extruded insulation and their accessories for Rated Voltage:-

- Flat PVC sheathed flexible cables.
- Rubber Insulated Cables Electric cables.
- PVC insulated, armoured cables for voltages of 600/1000V and 1900/3300V.
- Power Cables Rated 2000V or less for the distribution of Electrical Energy.
- Armoured Fire-Resistant Cables Having thermosetting insulation and low emission of smoke and corrosive gases when affected by fire Electric cables 1100V.
- Low voltage cables for automobile Road Vehicles.
- Low tension cables.
- High temperature electric wire.
- Co-axial cables high frequency, etc.

### BTH scope covers the following:

IS 398-1, IS 398-2, IS 398-4, IS 398-5 IS 5831, IS 10810 JIS 3406, IS 2465 IEC 60811-1-1 ASTM D2843-16 IEC 61034 IEC 60811-201, 202, 203, 401, 402, 403, 404, 406, 510, 511 IS 8130, IEC 60228 IEC 60332-3-24, IS 9537-1, IS 9537-3	IEC 60754 ASTM D2863-17 JIS 3406, IEC 61386-1, IEC 61386-21 IS 9537-1, IS 9537-3, IS 17048, IS 8130 ASTM D4566-14 UL 444, IEC 60423 IS 694, IS 5950, IS 8783-4-3 ASTM D2843-16 IEC 61034, IS 8130, IS 1554-1, etc.
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### Original Length (Elastic Deformation)



### "Stretched-Out" (Plastic Deformation)



### "Necking" (Non-Uniform Plastic Deformation)



### WE OFFER SINGLE WINDOW SERVICE

**Lab 1:**  
781, HSIIDC,  
Industrial Estate,  
Rai, Distt. Sonipat,  
Haryana-131029.



**Lab 2:**  
1474, HSIIDC,  
Industrial Estate,  
Rai, Distt. Sonipat,  
Haryana-131029.

**Lab 3:**  
1668, HSIIDC,  
Industrial Estate,  
Rai, Distt. Sonipat,  
Haryana-131029.

**Lab 4:**  
1668 (DIV-II), HSIIDC,  
Industrial Estate,  
Rai, Distt. Sonipat,  
Haryana-131029.

**Lab 5:**  
26, Wazirpur,  
Industrial Area,  
Wazirpur,  
Delhi-110052.



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