



Solar PV Module

- BTH is Accredited by NABL and Recognized by BIS for Testing Solar Panel Module.
- BTH has state of art testing facilities for Solar PV Modules.



BHARAT TEST HOUSE Pvt. Ltd.
NABL ACCREDITED & BIS RECOGNISED, ISO 9001, ISO 14001 & ISO 45001 CERTIFIED LAB



Solar PV Module



BTH offers latest testing facilities to global manufacturers for testing of Solar PV Modules. The testing facilities are recognized by **BIS** and accredited by **NABL** as per **IS/IEC** standards.

Our state-of-the-art testing facilities which enables the manufacturers to get their products tested as per their requirements or as per latest national/international standards.

Products/Test	Standard
PV Module (Si wafer, Thin film and CPV)	IS 14286, IS 14286-1 IS 14286-2, IS 14286-3 IS 14286-4 IEC 61215-1, IEC 61215-1-1 IEC 61215-1-2, IEC 61215-1-3 IEC 61215-1-4, IEC 61215-2 IS 61730-1, IS 61730-2 IEC 61730-1, IEC 61730-2 IS 16077, IS 16228
Irradiance and Temperature Measurements	IS 16170-1 IEC 61853-1

BTH has successfully helped large number of manufacturers in meeting their requirements of various regulatory bodies, government organizations & tenders.

Our expansive range of environmental testing facilities are being utilized by various manufacturers of solar products in getting their products evaluated for diverse climatic/usage situations.

The accredited facility cover the following qualitative tests for the solar PV system:

Facilities Available:

1. Salt Mist
2. Potential Induced Degradation (PID)
3. PAN Filing
4. Incidence Angle Modifier (IAM) Filing
5. Sand & Dust
6. Ammonia Corrosion

Certifications Available:

1. IEC
2. CB
3. CEC
4. ETL - U.S. & Canada

Hail Test

Insulation Test

Damp Heat Test

Visual Inspection

UV Pre-conditioning

Thermal Cycling Test

Humidity Freeze Test

Mechanical Load Test

Outdoor Exposure Test

Measurement of NOCT

Hot-Spot Endurance Test

Wet Leakage Current Test

Bypass Diode Thermal Test

Performance at Low Irradiance

Performance at STC and NOCT

Robustness of Termination Test

Maximum Power Determination

Measurement of Temperature Co-efficient

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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