



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL WATER AND POWER RESEARCH STATION, KHADAKWASLA, PUNE, MAHARASHTRA, IN
 Accreditation Standard : ISO/IEC 17025:2017
 Certificate Number : TC-17805
 Validity : 31/03/2026 to 30/03/2030
 Page No : 1 of 3
 Last Amended on : -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|--------------------------|---|--|--|--|
| Permanent Testing | | | | |
| 1 | CHEMICAL- WATER | River Water | Biochemical Oxygen Demand | IS 3025 (Part 44) |
| 2 | CHEMICAL- WATER | River | Conductivity | IS 3025 (Part 14)/ISO 7888 |
| 3 | CHEMICAL- WATER | Water | Density | IS 4730 |
| 4 | CHEMICAL- WATER | River | Dissolved Oxygen | IS 3025 (Part 38) |
| 5 | CHEMICAL- WATER | Water | pH | IS 3025 (Part 11)/ISO 10523 |
| 6 | CHEMICAL- WATER | River Water | Turbidity | IS 3025 (Part 10) |
| 7 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | River Antenna Water | VSWR Measurement | IEEE Std. 149 |
| 8 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | River Water RF Cable | Voltage Standing Wave Ratio | IS/IEC 61196-1-112 |
| 9 | | | Accuracy Test | IS |
| 10 | FLUID FLOW- LIQUIDS | Bulk Water Meter Self-priming Pumps | Power Measurement | 2373 |
| 11 | FLUID FLOW- LIQUIDS | Centrifugal Pumps Solar Water Pumping Systems | Valve Discharge Measurement | IS SA-75.01.01 |
| 1 | FLUID FLOW- LIQUIDS | Closed Pipelines | Pump Discharge Measurement | 9137 IS 9137 |
| 2 | FLUID FLOW- LIQUIDS | Closed Pipes | Accuracy Test | IS 779 |
| 1 | FLUID FLOW- LIQUIDS | Domestic Water Meter | Differential Pressure | CWPRS/Method/Filter/01 Issue Date: 02/09/2025 |
| 3 15 | FLUID FLOW- LIQUIDS | Filters | Discharge Measurement | CWPRS/Method/Filter/01 Issue Date: 02/09/2025 |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL WATER AND POWER RESEARCH STATION, KHADAKWASLA, PUNE, MAHARASHTRA, INDIA
 Accreditation Standard : ISO/IEC 17025:2017
 Certificate Number : TC-17805
 Validity : 31/03/2026 to 30/03/2030
 Page No : 2 of 3
 Last Amended on : -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|-------------------------|---|--|--|
| 1 | FLUID FLOW- LIQUIDS | Flow Meter (up to 1200 | Accuracy and Repeatability Test | OIML R 49- |
| 6 | mm) FLUID FLOW- LIQUIDS | Hydraulic Pumps | Static Pressure | 2 IS 9137 |
| 1 | FLUID FLOW- LIQUIDS | Hydraulic Turbines | Power | IEC 60041 |
| 7 | FLUID FLOW- LIQUIDS | Hydraulic Turbines | Static Pressure | IEC 60041 |
| 20 | FLUID FLOW- LIQUIDS | Open Channel Current Meter Testing (Mechanical Type, Electromagnetic Types, Non-contact Type and Acoustic Type) | Velocity | IS 13371 |
| 21 | FLUID FLOW- LIQUIDS | Open Channel Current Meter Testing (Mechanical Type, Electromagnetic Types, Non-contact Type and Acoustic Type) | Velocity | ISO 3455 |
| 2 | FLUID FLOW- LIQUIDS | Valves | Differential | ISA-75.01.01 |
| 2 | FLUID FLOW- LIQUIDS | Water | Pressure Accuracy | IS 6784 |
| 2 | Meter FLUID FLOW- | Water Meter FLUID | Test Accuracy | ISO 4064-2 |
| 3 | LIQUIDS | Water Meter FLUID | Test Accuracy | OIML R 49-2 |

2 FLOW- LIQUIDS Water Meter Test
 4
 2
 5



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL WATER AND POWER RESEARCH STATION, KHADAKWASLA, PUNE, MAHARASHTRA, IN
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-17805 Page No 3 of 3
 Validity 31/03/2026 to 30/03/2030 Last Amended on -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|--------------|---|---|--|--|
| Site Testing | | | | |
| 1 | CHEMICAL- WATER | River Water | Biochemical Oxygen Demand | IS 3025 (Part 44) |
| 2 | CHEMICAL- WATER | River | Conductivity | IS 3025 (Part 14)/ISO 7888 |
| 3 | CHEMICAL- WATER | Water | Density | IS 4730 |
| 4 | CHEMICAL- WATER | River | Dissolved Oxygen | IS 3025 (Part 38) |
| 5 | CHEMICAL- WATER | Water | pH | IS 3025 (Part 11)/ISO 10523 |
| 6 | CHEMICAL- WATER | River Water | Turbidity | IS 3025 (Part 10) |
| 7 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | River Antenna Water | VSWR Measurement | IEEE Std. 149 |
| 8 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Water RF Cable | Voltage Standing Wave Ratio | IS/IEC 61196-1-112 |
| 9 | FLUID FLOW- LIQUIDS | Centrifugal Pumps Solar Water Pumping Systems | Power Measurement | IS 9137 |
| 1 | FLUID FLOW- LIQUIDS | Hydraulic Pumps | Static Pressure | IS 9137 |
| 0 | FLUID FLOW- LIQUIDS | Hydraulic | Power | IEC 60041 |
| 1 | Turbines FLUID FLOW- | | Static Pressure | IEC 60041 |

1 LIQUIDSHydraulic Turbines
 1
 2