



**NSIC – TECHNICAL SERVICES CENTRE
NATIONAL SMALL INDUSTRIES CORPORATION LIMITED**

(A Government of India Enterprise)

Aji Industrial Area, 80 Feet Road, Near Amul Chowk, Rajkot – 360003

Ph. 0281-2387398/396/729, Email: ntsraj@nsic.co.in, ntsraj.cfs@nsic.co.in

Pump & Motor Testing Laboratory

NSIC – Technical Services Center at Rajkot, Gujarat offering the following testing facilities to industry through Pump & Motor Testing Laboratory:-

| Sr. No. | Products | Applicable IS | Types of Tests Covered | Approved By |
|---------|---|---------------|-------------------------|---|
| 1 | Centrifugal pumps | IS-6595 | Performance & Type Test | Accreditation By NABL (ISO / IEC 17025 : 2017) and Approved By BIS |
| 2 | Submersible pump set | IS 8034 | Performance & Type Test | |
| 3 | Open well pump set | IS-14220 | Performance & Type Test | |
| 4 | Electric Mono block Pumps | IS-9079 | Performance & Type Test | |
| 5 | Engine Mono set | IS -11501 | Performance & Type Test | |
| 6. | Regenerative Self priming Pump | IS-8472 | Performance & Type Test | |
| 7. | Line operated A.C Motors for Submersible Pumpset | IS-9283 | Performance & Type Test | |
| 8. | Line operated three phase a.c Motors.(IE Code) | IS-12615 | Performance & Type Test | |
| 9. | Vertical Turbine Pump | IS -1710 | Performance Test | |
| 10. | Foot valves, | IS - 10805 | Performance Test | |
| 11. | Single-phase a.c. Induction Motors for General Purposes | IS -996 | Performance & Type Test | |
| 12. | Calibration of Motor | - | Calibration | ISO 9000:2015 |



Centrifugal Pump



Submersible Pumpset



Submersible Motor



Three Phase Induction Motor



Engine Moonset Pump



Open well submersible pump set



Single Phase Induction Motor



Foot Valve

*****END*****



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Solar Photovoltaic Water Pumping System Testing Laboratory

NSIC – Technical Services Center at Rajkot, Gujarat offering the following testing facilities to industry through Solar Photovoltaic water pumping system Testing Laboratory:-

| Sr. No. | Products | Applicable IS | Types of Tests Covered | Approved By |
|---------|---|---|--|---|
| 1 | AC/DC Standalone Solar Powered Agricultural Water Pumps (Solar Photovoltaic Water Pumping System) | IS 17018 / IEC 62253 / MNRE Guidelines for SPV Water Pumping Systems. | Total Water Output per day for Performance Tests (a) Hot Profile Performance Test (b) Cold Profile Performance Test (c) Outdoor Performance Test Protection Test (a) Dry Run Test (b) Reverse Polarity Test (c) Open-circuit / No-load (d) Output Short-circuit Total Water Output per Watt peak per day for Performance Tests (a) Hot Profile Performance Test (b) Cold Profile Performance Test (c) Outdoor Performance Test H-Q-Characterization P-Q-Characterization System Characteristics Water Demand | Accreditation By NABL (ISO / IEC 17025 : 2017) And Approved By BIS. |

Solar Photovoltaic Water Pumping System



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