



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name SECURE ENERGY SERVICES LTD., 401 PARK CENTRA, SECTOR 30, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2257 Page No. : 1 / 4

Validity 23/07/2019 to 22/07/2021 Last Amended on -

S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
Permanent Facility					
1	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Active Energy 170 to 280 V/ 0.5 to 10 A/ 0.5 lag PF/0.8 lead PF/ UPF 1 Phase	42.5 W to 2.8 kW	0.26%	Secure make Accuchek Meter LT+ /Comparison Method
2	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Active Energy 170-280 V/10-100A/0.5 lag PF/0.8 lead PF/ UPF 3 Phase in WATT HOUR MODE ONLY	2.55 kW/Wh to 84 kW/Wh	0.26%	Secure make Trivector whole current Meter/Comparison Method
3	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Active Energy 50V to 75 V/0.5 A to 10 A/0.5 PF lag/0.8 PF lead/ UPF 3 phase	37.5 W/Wh to 2.25 kW/kWh	0.26%	Secure make Accucheck HT+ Three Phase Energy Meter /Comparison Method
4	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Active Energy /170 to 280V/ 0.5 A to 10 A/ 0.5PF lag/0.8 PF lead/UPF 3 Phase	127.5 W/Wh to 8.4 KW/Wh	0.26%	Secure make Accuchek Meter LT+/Comparison Method
5	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Active Energy 170 V to 280 V/ 10- 100A / 0.5 PF lag/ 0.8 PF lead/ UPF 1 phase in WATT HOUR MODE ONLY	850 W/Wh to 28 kW/kWh	0.26%	Secure make Trivector Meter WC /Comparison Method
6	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Active Energy 50V to 75 V/ 0.5 A to 10 A/0.5 PF lag / 0.8 PF lead/ UPF single phase	12.5 W/Wh to 0.75 kW/kWh	0.26%	Secure make Acchuchek HT+ Energy Meter/Comparison Method



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S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
7	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer Phase Error 10 to 2000A/1A & 5 A (5% to 120%) by SIMULATION METHOD	10 A to 2000 A	5Minute	Red phase make Portable CT/PT Calibrator by Simulation Method
8	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Current Transformer Ratio Error 10 A to 2000A/1A & 5 A (5% to 120%)	10 A to 2000 A	0.16%	Red phase make Portable CT/PT Calibrator by Simulation Method
9	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Potential Transformer 6.6 kV , Phase Error 11kV,33kV/110V(100% ONLY) by SIMULATION METHOD	6.6 kV to 33 kV	6Minute	Red Phase make Portable CT/PT Calibrator by Simulation Method
10	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Potential Transformer Ratio Error 6.6kV,11kV,33kV/110V (100% only)	6.6 kV to 33 kV	0.18%	Portable CT/PT Calibrator by Simulation Method



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Site Facility					
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2	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Active Energy 170-280 V/10-100A/0.5 lag PF/0.8 lead PF/ UPF 3 Phase in WATT HOUR MODE ONLY	2.55 kW/Wh to 84 kW/Wh	0.26%	Secure make Trivector whole current Meter/Comparison Method
3	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	Active Energy 50V to 75 V/0.5 A to 10 A/0.5 PF lag/0.8 PF lead/ UPF 3 phase	37.5 W/Wh to 2.25 kW/kWh	0.26%	Secure make Accucheck HT+ Three Phase Energy Meter /Comparison Method
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