

**1. GSL INSTRUMENTATION WORKSHOP CAPABILITIES.**

<b>Sno</b>	<b>Test Facility</b>	<b>Rate</b>
a	<b>Calibration &amp; Testing of Air Circuit Breaker(ACBs), MCCBs</b> For LT Tripping through Primary Injection <b>Range: 0 to 2000Amps</b>	<b>22680</b>
b	<b>Calibration &amp; Testing of Electrical Safety &amp; Protection guards</b> <b>I.</b> Overload Relays for all contactors (Thermal & Electronic) <b>II.</b> Single Phase Preventer (SPP) <b>III.</b> Under/Over voltage relays. <b>IV.</b> Reverse power relays. <b>V.</b> Phase monitoring Relays/Motor Protection Relays	<b>8694</b> <b>8694</b> <b>8694</b> <b>8694</b> <b>8694</b>
c	<b>Calibration &amp; Testing of AC/ DC 1Ph &amp; 3Ph 380V/415V, 3 Wire &amp; 4 Wire system meters</b> <b>I.</b> Ammeters <b>Range: 0 to 10Amps Primary &amp; Secondary</b> <b>II.</b> Voltmeters <b>Range: 0 to 1100 Volts</b> <b>III.</b> Frequency meters <b>Range: 0 to 100KHz</b> <b>IV.</b> Kilowatt meters <b>CTR Range: 1A/ 5A/10A</b> <b>V.</b> Power factor meters <b>Range: -0.2 – 1 – 0.2</b> <b>VI.</b> Insulation meters <b>Range: 10mO to 1 GO</b>	<b>2100</b> <b>2100</b> <b>2100</b> <b>9072</b> <b>6804</b> <b>8694</b>
d	<b>Calibration of Instrumentation Signal conditioners &amp; Interface modules</b> <b>I.</b> RTD Modules <b>II.</b> PT100, PT1000 modules <b>III.</b> Loop Isolators(4-20mA) <b>IV.</b> Threshold relays, Converters & Modules <b>V.</b> Thermocouple Modules <b>VI.</b> POT Modules/Process Indicators <b>VII.</b> Voltage/Current/Power Modules	<b>5292</b> <b>5292</b> <b>6804</b> <b>7560</b> <b>7560</b> <b>8316</b> <b>8316</b>
e	<b>Calibration &amp; Testing of Thermal devices. Range : -20 °C to 650°C</b> <b>I.</b> Temperature Gauges, Indicators, Switches, <b>II.</b> Temperature Sensor - RTD, Thermistors (NTC) <b>III.</b> Temperature-Thermocouple <b>IV.</b> Temperature Controller with sensor <b>V.</b> Temperature Transmitter, Data loggers	<b>3646</b> <b>6805</b> <b>6805</b> <b>8694</b> <b>8694</b>

**2. GSL QUALITY ASSURANCE DEPARTMENT CAPABILITIES.**

<b>Sno</b>	<b>Test Facility</b>	<b>Rate</b>
<u>1</u>	<b>Liquid Penetration Testing.</b>	Rs. 8850/- per Hour Rs. 35400/- per Day
<u>2</u>	<b>Ultrasonic thickness Gauging Testing.</b>	Rs. 8850/- per Hour Rs. 35400/- per Day