



# Field Services

## Schedule of Charges

Revision 6.6.4  
(November 1<sup>st</sup>, 2008)

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**SPL, INC. FIELD LOCATIONS:**

**Houston, Texas**

110 South Petro Lane  
Houston, Texas 77045  
(713) 668-4448 Phone  
(713) 668-4969 Fax

**Venus, Texas**

2440 Chambers Street  
Venus, Texas 76084  
(972) 224-5111 Phone  
(972) 224-5115 Fax

**Traverse City, Michigan**

459 Hughes Drive  
Traverse City, Michigan 49686  
(231) 947-5777 Phone  
(888) 775-6424 Toll Free Phone  
(231) 947-7455 Fax

**Belle Chasse, Louisiana**

9221 Highway 23  
Belle Chasse, Louisiana 70037  
(504) 391-1333 Phone  
(504) 391-0013 Fax

**Carthage, Texas**

1595 US 79 South  
Carthage, Texas 75633  
(903) 693-6242 Phone  
(903) 693-8606 Fax

**Carencro, Louisiana**

4790 NE Evangeline Thruway  
Carencro, LA 70520  
(337) 896-3055 Phone  
(337) 896-3077 Fax

**Laurel, Mississippi**

P.O. Box 3079  
Bushdairy at Amy Road  
Laurel, MS 39442  
(601) 428-0842 Phone  
(601) 425-1566 Fax

# Field Services

## GAS and LIQUID MEASUREMENT SERVICES

Our gas measurement services encompasses EGM calibration and maintenance, chart recorder calibration and maintenance, meter tube inspection, well testing, sampling, calculation of volumes, analytical data interpretation, equations of state, etc. Our liquid measurement services consist of custody transfer measurement, allocation measurement [turbine, positive displacement, ultrasonic and coriolis], well testing, sampling, run ticket preparation and submittal, analytical data interpretation, calculation of volumes and equations of state. Our highly trained technicians have T2 certification, H2S certification, PEP certification, water survival training, helicopter safety training, production operations training, Safe Gulf and HAZMAT training, etc.).

### HOURLY RATES

<u>Location</u>	<u>On-shore Service</u>	<u>PRICE</u>
Onshore	Minimum Charge, per hour, portal to portal	
Onshore	Standby Charge, per hour, (4 hour minimum), portal to portal	
Onshore	Minimum Charge, Holiday/Weekend, per hour (4 hour minimum), portal to portal	
Onshore	Shop Labor, per hour (plus parts, if necessary)	
Onshore	EFM or Chart Recorder calibration charge, per meter	
Onshore	Witnessing, per station, per hour	
	<b><u>Offshore Service</u></b>	
Offshore	Minimum Charge, per hour, (12 hour minimum), portal to portal	
Offshore	Standby Charge, per hour, (8 hour minimum), portal to portal	
Offshore	Minimum Charge, Holiday/Weekend, per hour (12 hour minimum), portal to portal	
	<b><u>Special Services</u></b>	
	Instrumentation and Electrical / SCADA Services, per hour	
	Instrumentation and Electrical / SCADA Services, overtime	
	Instrumentation and Electrical / SCADA Services, Holiday/Weekend, per hour	
	Engineering Services	
	Note: All time will be portal to portal	
	<b><u>Mileage</u></b>	
-	Mileage per mile (portal to portal)	
	Note: a separate indexed fuel surcharge may be added.	

### GAS TESTING

	<u>Service</u>	<u>PRICE</u>
	Determination of Dew Point by Meeco Electrolytic Dew Point Analyzer, per test	
	Determination of Dew Point by Sensidyne, per test	
	Determination of Dew Point by Chandler Electronic DewScope, per test	
	Determination of Dew Point by Chandler Electronic DewScope (Video Recorded), per test, includes electronic data files	
	Determination of H2S by Draeger Tube or Sensidyne, per test	
	Determination of H2S by Tutwiler, per test <sup>1</sup>	
	Check calibration of Liquid Gravitometer or Densitometer by Pycnometer, per test	
	Determination of other components by Sensidyne	
	Cad-Sulfate Titration	

<sup>1</sup> A 50% surcharge will be added for H2S concentrations greater than 1 mole percent.

## FIELD / SHOP (GAS and LIQUID) SAMPLER INSTALLATIONS AND REPAIRS (All Sampler Manufacturers)

SPL is an authorized “YZ Sampler” repair center. SPL stocks “Sampling Systems” for both Liquid and Gas applications and a wide range of parts and accessories to meet your sampling requirements, for both Offshore and On-shore applications.

### HOURLY RATES

<u>Location</u>	<u>On-shore Service</u>	<u>PRICE</u>
Onshore	Minimum Charge, per hour, portal to portal	
Onshore	Standby Charge, per hour, (4 hour minimum), portal to portal	
Onshore	Minimum Charge, Holiday/Weekend, per hour (4 hour minimum), portal to portal	
Onshore	Shop Labor, per hour (plus parts, if necessary)	
	<u>Offshore Service</u>	
Offshore	Minimum Charge, per hour, (12 hour minimum), portal to portal	
Offshore	Standby Charge, per hour, (8 hour minimum), portal to portal	
Offshore	Minimum Charge, Holiday/Weekend, per hour (12 hour minimum), portal to portal	
	<u>Mileage</u>	
-	Mileage per mile (portal to portal) Note: a separate indexed fuel surcharge may be added.	

### Square Root Error Tester 6.0

The new SRE 6.0 utilizes a high speed transmitter and software to determine the presence of pulsation. The software analyzes the pulsation and prints out a custom report documenting the issues of over measured flow. SRE is always a positive error.

<u>SERVICE</u>	<u>PRICE</u>
Square Root Error Test (including SRE equipment and report), 8 Hour Day, per day	
Weekends / Holidays, 8 hour minimum, per day.	
Hourly Travel, portal to portal	
Mileage, per mile (SPL vehicle), portal to portal	
All Expenses (Air Travel, Car Rental, Fuel, Meals, Lodging, Etc.)	

### Gauge Line Error Tester 6.0

The new Gauge line Error tester utilizes two high speed transmitters. The transmitters compare and calculate a side by side direct mounted installation to a direct mount to remote mount comparison. Gauge Line Error is the Amplification and attenuation of pulse waves in the gauge lines. If Square Root Error is not present Gauge line Error will not exist.

<u>SERVICE</u>	<u>PRICE</u>
Gauge Line Error Test (including GLE equipment and report), 8 Hour Day, per day	
Weekends / Holidays, 8 hour minimum, per day.	
Hourly Travel, portal to portal	
Mileage, per mile (SPL vehicle), portal to portal	
All Expenses (Air Travel, Car Rental, Fuel, Meals, Lodging, Etc.)	

## LIQUID METER PROVING

Our Services Include Calibration of LACT units, Calibration and/or Swap out of Pipeline meters and Loading Dock Delivery Banks, Calibration by Bi-Directional and Uni-Directional Pipe Provers, etc.

### LIQUID METER CALIBRATION BY MOBILE PIPE PROVER METHOD

<u>SERVICE</u>	<u>PRICE</u>
Liquid Meter Calibration by Pipe Prover Method, per day	
Liquid Meter Calibration by Pipe Prover Method, per meter, 8 meter minimum	
Liquid Meter Calibration by Pipe Prover Method - Hazardous Products	
Liquid Meter Calibration by Pipe Prover Method - Holiday/Weekend	
Liquid Meter Calibration by Pipe Prover Method - Mileage (portal to portal)	
Note: a separate indexed fuel surcharge may be added.	
Travel Time, Portal Pipe Prover, per hour, (portal to portal)	

### LIQUID METER CALIBRATION BY MASTER METER METHOD

<u>LOCATION</u>	<u>SERVICE</u>	<u>PRICE</u>
Onshore	Calibration, per meter (4 meter minimum), per day	
Onshore	Swap Out, per hour (8 hour minimum)	
Onshore	Shop based meter proving	
	1.5 inch and smaller meters, fixed charge, per meter	
	2 inch and smaller meters, fixed charge, per meter	
	3 inch to 4 inch, fixed charge, per meter	
	6 inch (and larger), fixed charge, per meter	
Onshore	Additional proving points, same hookup, per point	
Onshore	Meter Factor by GPM/BPH Spreadsheet, per spreadsheet	
Onshore	Shop based labor, per hour	
Onshore	Holiday/Weekend Charge, per hour, (8 hour minimum), portal to portal	
Onshore	Standby Charge, per hour (4 hour minimum), portal to portal	
Onshore	Mileage, per mile (portal to portal)	

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Offshore	Swap Out (12 hour minimum), per hour, portal to portal	
Offshore	Calibration, per hour (12 hour minimum), per hour, portal to portal	
Offshore	Repair, per hour (12 hour minimum, plus parts)	
Offshore	Holiday/Weekend, per hour (12 hour minimum), portal to portal	
Offshore	Standby Charge, per hour (8 hour minimum), portal to portal	
Offshore	Mileage, per hour (portal to portal)	

## **GAS/LIQUID ACCOUNTING and ALLOCATION SERVICES**

SPL provides a wide range of Accounting and Allocation services including but not limited to the following:

- Production Handling Agreements drafting, review and administration
- Contractual and Regulatory requirements reviews
- Production and Plant allocation methodology development
- Quality Bank administration (sulfur/gravity)
- Production/Plant accounting
- Etc.

### **CHART PROCESSING SERVICES**

<u>Service</u>	<u>PRICE</u>
Orifice or Turbine Meter Chart Processing - Per 24 hour chart	
Orifice or Turbine Meter Chart Processing - Per 7 day or 8 day chart	
Orifice or Turbine Meter Chart Processing - Per 16 day or 31 day chart	
Orifice or Turbine Meter Chart Processing - Plunger lift with erratic flow pattern	
Additional charge for each individual 24 hour volume on 7, 8, 16 and 31 day charts	

### **ACCOUNTING STATEMENT SERVICES**

<u>Service</u>	<u>PRICE</u>
Per Gas Accounting Statement (includes 3 copies)	
Extra Copies of Gas Accounting Statement - each	
Flow Computer/RTU Accounting Statement (per station, per month)	
Flow Computer/RTU Monitoring (per meter, per month - includes 5 alarms)	
Additional Alarm	
Daily Production Reports (polled, un-edited, per meter, per month)	
Communication fees	
Liquid Flow Accounting Statements and Run-tickets	

### **CHART AUDIT SERVICES**

<u>Service</u>	<u>PRICE</u>
Includes Explanation of Discrepancies - per chart	

### **ALLOCATION SERVICES**

<u>Service</u>	<u>PRICE</u>
Methodology Development and Output Statement Per Customer Request	

## WELL TESTING SERVICES

SPL provides well testing services to support allocations as per API Chapter 20.1 guidelines. These services include field services, such as full scale GPM tests, sampling, open flow potentials, gas-oil ratios, as well as laboratory services, gas and liquid analysis, calculation of recombination's, G1, G5, G10 reports, and other reports required by regulatory agencies.

### PORTABLE FULL-SCALE SEPARATOR TESTING

<u>SERVICE</u>	<u>PRICE</u>
Multi-day Portable Separator Testing, Per day.	
Full Scale GPM Test with Gas sample – Standard Test (Panola County)	
Full Scale GPM Test with Gas sample – Standard Test (Outside Panola County)	
Full Scale GPM Test (24 hour) with Gas sample – Required or Requested	
Full Scale GPM Test with Gas sample-Failed Test beyond SPL'S Control (Panola Co.)	
Full Scale GPM Test with Gas sample-Failed Test beyond SPL'S Control (O/S Panola Co.)	
Special Call Out for Separator Rental, per day	
Labor: Minimum Charge, per hour, portal to portal	
Mileage per mile, Regular Pickup, (portal to portal)	
Mileage per mile, One ton truck, Diesel, (portal to portal)	
Note: a separate indexed fuel surcharge may be added.	

### FIELD TESTING

<u>SERVICE</u>	<u>PRICE</u>
Gas-Oil-Ratio utilizing client installed field equipment, minimum <sup>2</sup>	

### RAILROAD COMMISSION OR OTHER REGULATORY TEST

<u>SERVICE</u>	<u>PRICE</u>
Open Flow Potential Test by Back Pressure Method (Minimum 8-hour day)	
Calculations only	
Mileage per mile (portal to portal)	
Note: a separate indexed fuel surcharge may be added.	

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<sup>2</sup> Hourly technician charges will be applied for testing periods longer than 8 hours.

## MEASUREMENT TRAINING SERVICES

SPL provides measurement and analytical training services at either client or SPL provided facilities. Our training services include but are not limited to the following:

- Gas and Liquid Measurement
- Gas and Liquid Sampling
- Witnessing
- ASTM laboratory and testing procedures
- Chromatography
- Dew Point
- Product Contaminants
- Odorization
- Industry Standards
- Regulatory
- Etc.

SERVICE	PRICE
<p><b>Standard</b> training class, per day                      SPL provided subject matter                      Limited to 8 students                      Additional Students, each                      Typical 8 hour training day                      Lunch provided</p>	
<p><b>Hands-on</b> training class, per day                      SPL provided subject matter                      Limited to 8 students                      Additional Students, each                      Typical 8 hour training day                      Lunch provided</p>	
<p><b>Custom</b> training class, per day</p> <p>Travel time (for customer locations requiring instructor(s) travel to and from location, per hour                      Hotel, Meals, additional expenses incurred, receipts provided                      Mileage, per mile, portal to portal                      Note: a separate indexed fuel surcharge may be added.                      Additional training materials</p>	

## LEGAL SERVICES

SPL provides legal representation in the following areas: expert witness, depositions, counseling, retaining of legal samples, and overall expert measurement and analytical consulting.

<u>SERVICE</u>	<u>PRICE</u>
Expert witness - court appearance, (per hour, 8-hour minimum, plus expenses)	
Deposition time, (per hour, 8-hour minimum, plus expenses)	
Counseling time, (per hour, plus expenses)	
Field or Laboratory support, (per hour, 8-hour minimum, plus expenses, excludes consultation and material)	
Retaining legal samples (per sample/per day)	

## OTHER SERVICES

### Faxed / E-Mailed Work Orders

<u>Service</u>	<u>PRICE</u>
Fax / E-Mail Charge (Per Page) (First two (2) faxes and/or e-mails per one (1) work order are complimentary)	

## AUDITING AND CONSULTING SERVICES

SPL's 64 year working knowledge of measurement and analysis, and its expert team of auditors, allows us to provide full service auditing, loss control, and consulting services that are the best in the oil and gas industry.

Our Auditing Services Include (but are not limited to):

- Due diligence (pre and post facility acquisition)
- Contract and agreement compliance
- Gas processing and fractionation systems
- Data flow and business systems
- Full well stream systems
- Production hub and facilities
- End-to-end pipeline system audits (gas and liquid)
- Turn-key audit project management
- Gathering systems
- Systems design
- Complex gas and liquid systems
- Phase change modeling
- Marketing evaluations
- Remediation planning
- Security
- Allocation systems
- Etc.

### **Standard Audit Services Pricing**

<u>Service</u>	<u>PRICE</u>
Due to the complexity of most Audits, pricing will be provided by formal quotation.	

Discounts are available and are based on size of project, long-term business commitments, etc., and will be adjusted as necessary at time of quotation.

Travel time and other normal field services charges apply as outlined in this document.

## INTERNATIONAL MEASUREMENT SERVICES

International Measurement Services Include:

- Start-up of Liquid and Gas Metering Systems
- Inspections and Status Reports of Liquid and Gas Metering Systems
- Complete Repair of Liquid and Gas Meters and Related Accessories including Provers
- Liquid Measurement Schools tailored to individual companies and locations
- Technical Consulting, System Audits and Due Diligence

### PRICE

Personnel Charges per person per day (This rate is charged from portal to portal)

In addition, Business Class airfare, room, meals, and out of pocket expenses will be charged back to the customer at face value with receipts attached where possible.

It is understood that if a project should require in excess of forty-five (45) days, SPL reserves the right to return the employee home for a period of fourteen (14) days while providing a replacement all at customer's expense. If the customer desires the original employee, he may return after this fourteen-(14) day period. If the project requires continuity, it is suggested that a minimum overlap of two (2) days be allowed,

SPL has expert measurement personnel available. Discussion of your specific situation prior to performance of services will insure that our personnel provide proper measurement services and deliver the results you need. SPL is fully insured for all onshore and offshore travel. SPL can provide its own transportation for inland waters and offshore services.

### Normal Charges

8:00 a.m. - 5:00 p.m.  
Monday - Friday

### Experienced technician (includes travel time)

### Special Charges

Off Hours, Weekends  
HOLIDAYS

### Mileage Charges

Domestic Travel

## PARTS

SPL supplies many parts to our clients related to measurement and analysis.

Orifice Meter Tubes  
Ultrasonic Meters and Tubes  
Turbine Meters and Tubes  
Coriolis Meters and Tubes  
Measurement and Analysis Skids  
Custom manufactured measurement assemblies (adapter plates, spools, etc.)  
Analytical Instrumentation  
Enclosures and Measurement/Analysis Buildings  
Flow Conditioners  
Thermowells  
Sample Probes  
Sampling Systems  
Radio's  
Antennae's and Components  
Solar and AC Powered Systems  
General Communications Equipment: (Radio's, modems, etc.)  
Fittings  
Manifolds  
Tubing  
Valves  
Chart Recorders  
Flow Computers  
Repair Parts  
Sampling equipment  
Odorization Instrumentation  
SCADA  
Other

SPL supplies a broad range of measurement and analytical parts, as well as special services to our clients and we are available to discuss your project at any time.

Please call your local SPL inside or outside sales representative for any quotes, proposals or other special measurement and analytical needs you may have.