HISTORY
OPS Oilfield Equipment & Services Ltd. was established in March 2010, since then the services been expanded following the market demand and requirements, this including the Inspection Services which was set-up and established with its main facility in Sattahip during Q2-2010 and thereafter set-up with bases in Phitsanulok, Songkhla and Ranong. The inspection bases are strategically located within the major oil & gas concessions in the country. The inspection management team are a combination of experienced expatriates and local staff together with a fully trained/certified team of inspectors and technicians, all with the skills, training and certification required for their profession. The inspectors are fully trained and certified level II, meeting the requirements of ASNT-SNT-TC1A.
OPS-OES is ISO 9001:2015 Certified

OFFICE LOCATIONS:

**Phitsanulok**
198/2 Moo 17, T. Nongkura, Bangrakam, Phitsanulok 65140

**Head Office**
15th Flr, Rm 1502, Shinawatra Tower 3, Chatuchak, Bangkok 10900

**Sattahip**
119/104 Moo4, Soi Plutaluang 45, Plutaluang, Sattahip, Chonburi 20180

**Ranong**
Sinpara Port 115/16 Syranong Praknam Road, Ranong 8500

**Songkhla Office**
45/5 Moo6 T. Sathingmor A. Singhanakorn, Songkhla 90280

For inquiries, email to:
roland@opsthailand.com
soren.siefert@opsthailand.com
contact@opsthailand.com
CURRENTLY OFFERED SERVICES:

Drilling / Completion String Inspection & Maintenance
OCTG Tubing Casing Inspection, Maintenance & Management
Hard Banding Application
Nondestructive Testing (MPI / DPI / UT / Visual / Load & Hardness Testing / Borescope Inspection)
Hydro Testing
Rig Equipment Inspection
Gauge Calibration Services
Load Testing
Equipment Rental

Soon to offer:
Eddy Current Testing
DRILLING / COMPLETION STRING INSPECTION

**Standard Drill Pipe**
DS-1 Vol. 3 Category 1 to Category 5 Inspection Program
*Visual Connection/Tube*, *OD Gage*, *MPI Slip/Upset*, *UT Thickness Test*, *Heat Checking*, *Dimensional Inspection*, *EMI*, *UT Slip/Upset*, *Black light Connection*

**Additional Services:**
*Shoulder Re-facing*, *OD/ID cleaning & coating*, *Borescope Inspection*

**Heavy Weight Drill Pipe & Drill Collar**
DS-1 Vol. 3 Category 1 to Category 3-5 Inspection Program
*Visual Connection*, *MPI Slip/Upset/Centerpad*, *Blacklight Connection*, *Dimensional 3*, *Elevator Groove Inspection*

**Additional Services:**
*Shoulder Re-facing*, *OD/ID Cleaning & Coating*, *Borescope Inspection*

**BHA & Specialty Tool Inspection**
DS-1 Vol. 3 Category 1 to Category 3-5 or Vol. 4 Specialty Tool Inspection Program
*Visual Connection Inspection*, *MPI Slip/Upset/Centerpad*, *Blacklight Connection*, *Dimensional Inspection*, *Pressure Testing*

**Additional Services:**
*Shoulder Re-facing*, *Borescope Inspection*
OCTG TUBING - CASING INSPECTION & MAINTENANCE

Highly qualified and certified professional inspectors trained specifically for this task will satisfy your requirement. Inspection, management, inventory, maintenance and repair is conducted in accordance with API, manufacturer’s or client’s specification whichever is applicable and required. Inspection of any tubing and casing types, including pup joints of all sizes.

Inspection is carried out in Accordance with API RP 5A5, 5C1, 5CT or as per client/manufacturer’s Specification whichever is applicable.
Scope of Services includes but not limited to: Visual Thread Inspection, Visual Body Inspection, Full Length Drift Test, UT Wall Thickness Test, Full Length EMI 1 (optional) Hydrostatic Testing, Storage and Management

Maintenance Work as per API or client specifications & choice of coating product to be applied.
Scope of Services Includes:
Clean & re-dope connections, Full Length Internal/External Cleaning and Coating, Re-stencil pipe specification, Re-paint coupling and pipe color code identification, Storage and Management

Additional Services:
Minor field repair on connection, Borescope Inspection
HARDBANDING

Fully automatic PLC controlled Hard Banding unit:

Our mobile Hard Banding Applicator Unit mounted in a 20FT container is a fully automated unit, PLC controlled, designed for optimum performance, safe operations, environmentally friendly and quality performance. Application is performed in accordance with ASME 9, Wire manufacturer’s procedure, DS1/API or Client’s Specification. Having the mobile HB unit results in low cost and efficient services to our clients at any location. Hard banding operations can be performed at the same location where the inspection is being performed, reducing the tubular logistic cost.

OPS-OES is certified hard banding applicator of the following International types of wires:
Our NDT services is available onshore and offshore. OPS NDT Inspectors are highly skilled, certified professionals, well trained and are readily available on short notice both on and offshore assignment. OPS NDT guarantees that inspection and test performed in accordance with specific procedures and highest SSHE standards.
HYDRO TESTING SERVICES

Every OPS inspection base is equipped with hydro test bay. Test bays in each location are designed for safe and efficient testing. Hydro testing at remote locations can be serviced readily with our mobile hydro testing containers, built to highest standard steel/wood walls for optimum safe operations. The p-test lines are fed thru the wall to the test area with the operator working safely at the built-in operator safe cabin. The test unit is equipped with lifting hoist, barriers, warning devices and SSHE signs. Tests are performed by experienced technicians and crew, equipped with all of the required training/certification for the profession. The test equipment such as pumps, gauges & chart recorders are all of international brands, duly calibrated and certified. Hydro tests are performed in accordance with ASME standards, OPS Hydro testing IOP, manufacturer’s or client specification. As safety aspect, OPS recommends that applicable NDT be performed prior to hydro testing on any pressurized equipment.

OPS-OES Tests:
Chiksan / Flow line, Oil / Water / Air /Gas Tank, Pressure Relief Valve, Riser Spool, X-mas tree, BOP, Blind Flange, Pressurized flow lines, Kill/Choke Manifolds, Well Control Equipment, etc.

Additional Services:
Seal / O-ring replacement
Re-dressing
Iron repair & maintenance
Tagging with permanent identification band
Cleaning & painting
Borescope Inspection
OPS-OES inspects:
Rig Structure, handling tools, lifting/hoisting equipment and accessories, BOP, pressure lines, travelling block, links, skids, swivels, containers, pumps, and other rig accessories.

Scope of Services:
Inspection in accordance related API specifications, API RP8B Category I to V, Disassembly Replacement of defective components, Cleaning & re-greasing movable parts, Repainting, Mino repair, etc.

OPS Tagging System:
This tagging system was developed in compliance with API RP8B recommendation which states that “inspection frequency applies to the equipment in use during the specified period”. Equipment that has passed an API RP 8B inspection will be tagged and in time for the due date of next inspection, equipment found to have intact seals indicates that the equipment has not been put in service during the specified period and therefore the result of the last inspection will be considered valid and the equipment don’t have to be re-inspected.
Due to heightened requirements from regulatory bodies and customer’s internal quality assurance guidelines, equipment calibration is becoming more important to the industry. OPS – OES provides on-site and in-the-lab pressure gauge and chart recorder calibration using high accuracy, NIST traceable pressure calibration standards. Our pressure calibrator uphold industry leading accuracies of 0.05% (full scale). This level of accuracy ensures 4:1 accuracy ratio compliance even for customers who maintain the most stringent process tolerances. Upon completion of calibration, certificates with information on as-found data, as-left data, test point deviations, instrument tolerance and instrument operating range.

We follow formal, documented procedures when performing calibration. These calibration procedures are maintained in our quality system, pursuant to document control guidelines.

If client require specific test points for an instrument, we will use those test points when performing the calibration. If not, we prefer to use a minimum of five test points to establish linearity.

We calibrate instruments throughout their full ranges unless client requests that a calibration be performed over a more narrow, application specific range, or at a point of use. If the instrument fail the as-found calibration, we automatically attempt to adjust it so that it passes the as-left calibration.
This year, OPS has designed and developed a hydraulic pad eye tester that is capable of pulling up to 30 ton and is capable of testing on any pad eye position. Now OPS clients are reaping the benefits that this pad eye tester has brought to them. Using this pad eye tester eliminates the need for a weight to pull, crane, lifting accessories as well as manpower which aside from being too costly, arrangements before a test can be done is very time consuming and a lot of hustle involved. Load testing offshore never been easy until OPS introduced this hydraulic pad eye tester. Below are some images of the OPS pad eye tester in action offshore.
## 55 Ton Calibrated Safe-T-Weigh Load

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Size</td>
<td>55 Ton</td>
</tr>
<tr>
<td>Material</td>
<td>Lightweight &amp; High Strength Aluminum Link Body</td>
</tr>
<tr>
<td>Proof Load</td>
<td>150% Working Load Limit</td>
</tr>
<tr>
<td>Ultimate Load</td>
<td>7 Times Working Load Limit</td>
</tr>
<tr>
<td>Radio Frequency</td>
<td>2.4GHz - Worldwide License Exempt</td>
</tr>
<tr>
<td>Range</td>
<td>Minimum 100 metres</td>
</tr>
<tr>
<td>Display Type</td>
<td>LCD - 15mm Digits with Backlighting</td>
</tr>
<tr>
<td>Battery Life</td>
<td>70+ Hours</td>
</tr>
<tr>
<td>Battery Type</td>
<td>Link – 2 x type AA / Handheld- 4 x type AA</td>
</tr>
<tr>
<td>Accuracy</td>
<td>± 1% of ACTUAL Reading</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10°C to +40°C</td>
</tr>
</tbody>
</table>

### Also Available for rent:
- 24-TON WEBBING SLING
- PRESSURE CHART RECORDERS
- PRESSURE GAUGES

## 0-20,000 & 0-30,000 PSI HYDROSTATIC TEST PUMP

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure Type</td>
<td>Air-driven piston pump</td>
</tr>
<tr>
<td>Pressure Range</td>
<td>0-20,000 &amp; 0-30,000 PSI</td>
</tr>
<tr>
<td>Hydrostatic Pressure Gauge</td>
<td>Dual 4” dial gauges, chrome benzel, 0.5% accuracy, full scale. Come with calibration certs.</td>
</tr>
<tr>
<td>Pressure Recorder</td>
<td>Available up to 20,000 PSI with single pen</td>
</tr>
<tr>
<td>Hydrostatic Hose</td>
<td>3/8” hose x 10 feet long with high pressure quick disconnect x 3/8” MPT on one end</td>
</tr>
<tr>
<td>Dimensions</td>
<td>15” x 15” x 36 L x W x H</td>
</tr>
<tr>
<td>Weight</td>
<td>65 lbs</td>
</tr>
</tbody>
</table>
For the past 6 years, OPS inspection has been providing a ‘Second to None’ inspection services to the following clients to name a few:

ALS
Atwood
Baker Hughes
Bestech
Black Diamond
Cesco
CNPC
DED
DGR Oilfield
DHI
Halliburton
Gyrodata
ECO Orient
Elite Drilling
Emas Energy Services
Enerflex
Energy Drilling
Expro PTI
Great Wall Drilling
IKM
Influit
IOT
ISS
KOP
Kris Energy
Mi-Swaco
MMSVS
Mubadala
NCE
ODEPell
OMS
PDS
PTFEP
Pumatek
Rutledge
Schlumberger
Scomi
Seadrill
Sinopec
Sino-US
Tercel
TGL
Thunder Crane
Transocean
Vause
Weatherford
WOD

At OPS, we are proud to say that our inspection services has been highly commended by the above listed clients. A fulfillment of our goal which is to satisfy the need of our clients.

Through innovative thinking and with a commitment to excellence, we strive to set new standards for the industry. Quality, Service & Safety are our benchmark... with OPS Oilfield Equipment and Services Ltd.

nothing is resting and we aim to be

‘Second to None’