Schedule of Accreditation
for Calibration Laboratory According to ISO/IEC 17025
Issued to
Petroleum Calibration and Testing Laboratories
Integrated Engineering for petroleum Services (IEPS)
Block 197, 3rd Distrik Industrial Zone New Cairo, Egypt

Schedule No.: 412005B  Issue No.(s): April 23, 2020  1st accreditation date: June 20, 2013  Revision No. (-):-------------------------- Valid to: June 19, 2021

<table>
<thead>
<tr>
<th>Measured Quantity</th>
<th>Range</th>
<th>Calibration and Measurement Capabilityb (±)</th>
<th>Brief Description of Measurement and Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calibration of hydraulic pressure gauges and pressure transducers (Permanent &amp; on-site)</td>
<td>0 - 160 bar</td>
<td>0.3 bar</td>
<td>DKD-R 6:2014</td>
</tr>
<tr>
<td></td>
<td>0 - 400 bar</td>
<td>0.36 bar</td>
<td>Comparitive tester</td>
</tr>
<tr>
<td></td>
<td>0 - 1600 bar</td>
<td>1.1 bar</td>
<td>ESI USB transducers</td>
</tr>
<tr>
<td></td>
<td>0 - 2000 bar</td>
<td>1.2 bar</td>
<td>SN. 250722005, SN. 42801</td>
</tr>
<tr>
<td></td>
<td>0 - 2700 bar</td>
<td>1.8 bar</td>
<td>SN. 444043, SN. 0105039</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SN. 0712215, SN. 620804</td>
</tr>
<tr>
<td>Calibration for External Micrometer</td>
<td>0 to 100 mm</td>
<td>2.6μm</td>
<td>ES 163:2015</td>
</tr>
<tr>
<td>Calibration for Caliper</td>
<td>0 to 200 mm</td>
<td>3.9 μm</td>
<td>Gauge Block Set</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SN. 2143 &amp; SN. 170072</td>
</tr>
</tbody>
</table>

(*) Calibration & measurements capabilities are to be expressed as expanded uncertainty (k=2) i.e. providing a level of confidence of approximately 95%.
Schedule of Accreditation
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Schedule No.: 412005B  Issue No.(3): April 23, 2020  1st accreditation date: June 20, 2013  Revision No. (-):--------------------------  Valid to: June 19, 2021

<table>
<thead>
<tr>
<th>Materials/Products Tested</th>
<th>Types of Tests / Properties Measured / Range of Measurements</th>
<th>Standard Specifications / Techniques Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure Safety Relief valves and valves (Gate, Check, Globel) (Permanent &amp; On Site) - Hydraulic and Pneumatic</td>
<td>Testing of operational pressure 0 to 700 bar</td>
<td>ASME PTC.25 : 2014  ISO 4126-1:2013  API 527-2014 Ventil VCB 30 test bench SN. 7114-11 (with software) Pressure transducers SN. 17903110002 SN. 14399110001 SN. 17603110456 SN. 18003110062 SN. 06201110007 SN. 0105039</td>
</tr>
</tbody>
</table>

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Fax: (02) 25275224
Industrial Investment Map: http://invegypt.com

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| Hydraulic Pressure hoses, vessels, pipes (Permanent & on-site) | Hydrostatic pressure test up to 1850 bar (Work pressure) & up to 2800 bar (Test pressure) | - ASME VIII Div1,2,3:2013
- ASTM D 380-94 reapproved 2000
- ASME B31.3-2016
- API 6A -2010 | For permanent:
Resato HPU test bench (with software) + test bay
SN. 14912
Pressure transducers:
SN. 7772751
SN. 7772140
SN. 620804
For on-site:
Resato mobile test unit (with software)
SN. 14910
Pressure Transducers:
SN. 250722005, SN. 42801
SN. 444043, SN. 0105039
SN. 0712215, SN. 620804 |