Installation Cyclic (CIGRE) Test Machine

Full-scale installation cyclic testing system for critical products

Oceaneering is equipped with the expertise and equipment to complete installation cyclic testing at our in-house laboratory located in Niteroi, Brazil.

The installation cyclic rig is suitable for completing installation cyclic tests on a wide range of products and associated connection hardware.

FEATURES

- Maximum sample length 82 ft / 25 m
- Tensile load maximum 1,250 kN
- Wheel diameter - 18 ft / 5.6 m
Installation Cyclic (CIGRE) Testing Machine

Full-scale installation cyclic testing system for critical products

Our machinery is capable of performing installation cyclic testing on products including:
» Umbilicals
» Flexible and composite pipes
» Power cables
» Ropes

Advantages of completing installation cyclic testing:
» Advancement of overall knowledge and understanding of products
» Verification of compliance with industry standards

Technical Data

<table>
<thead>
<tr>
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<th>Niteroi, Brazil</th>
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<tbody>
<tr>
<td>Maximum tensile load</td>
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<td>Wheel diameter</td>
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<tr>
<td>Machine / Test Sample Interface</td>
<td>Bolted flange</td>
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<tr>
<td>Control system</td>
<td>Computerized system for machine control and datalogging of sample instrumentation</td>
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<tr>
<td>Sensors</td>
<td>Integrated displacement and load monitoring. Datalogging facilities available for monitoring of additional sensors such as thermocouples and strain gauges, if required.</td>
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<tr>
<td>Calibration</td>
<td>Accredited calibration [Brazil]</td>
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<tr>
<td>Results</td>
<td>Electronic test report</td>
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