

SERVICES: RE-ENGINEER & RE-JUVENATE Testing & Verification

PROEIGHT is capable of performing variations of testing in-house at our facilities. Each test follows API standards. While we need to provide testing for our customers, it is also critical that approved tests are verified afterward in assuring that the test and the results are accurate and reliable.

Pump Performance & Functionality Test



Pump Testing Capabilities

- ◆ Max. Testing Operating Pressure
 - 85 Bar in Dynamic Condition
 - 200 Bar in Static Condition
- ◆ Max. Flow Capacity
 - 1,500 m³/hr
- ◆ Max. Driven Power
 - 200 kW
- ◆ Max. Driven Speed
 - 3,000 rpm at 50Hz
 - 3,600 rpm at 60Hz

Pump Test Type

- ◆ Performance Test
- ◆ Functionality Run Test
- ◆ Hydrostatic Test
- ◆ Mechanical Run Test
- ◆ Complete Unit Test



Pump Type

- ◆ Centrifugal - Multistage (BB1 to BB5)
- ◆ Centrifugal - OH1 to OH6

Pump Size

- ◆ Up to 12 Inch of suction/discharge

Dynamic Test



To ensure the mechanical seal will perform as required by API 682, where each seal configuration in combination with other seal system attributes as in standard.

Test Capabilities

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| <ul style="list-style-type: none"> ◆ Seal Type <ul style="list-style-type: none"> - Single Seal - Double Seal - Tandem Seal ◆ Seal Size <ul style="list-style-type: none"> - Up to 4.12 Inches (shaft)/ 11.25 Inches (gland) | <ul style="list-style-type: none"> ◆ Max. Running Pressure <ul style="list-style-type: none"> - 100 bar ◆ Max. Temperature <ul style="list-style-type: none"> - 100°C ◆ Max. Pump Speed <ul style="list-style-type: none"> - 3,600 rpm ◆ Testing Fluid Medium <ul style="list-style-type: none"> - Water |
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Static Air Test



To ensure that the mechanical seal has been correctly assembled for each new or refurbished set.

Test Capabilities

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| <ul style="list-style-type: none"> ◆ Seal Type <ul style="list-style-type: none"> - Single Seal - Double Seal - Tandem Seal | <ul style="list-style-type: none"> ◆ Seal Chamber Size <ul style="list-style-type: none"> - Up to 14 Inches ◆ Max. Running Pressure <ul style="list-style-type: none"> - 35 psi |
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