



## MECHANICAL TESTING

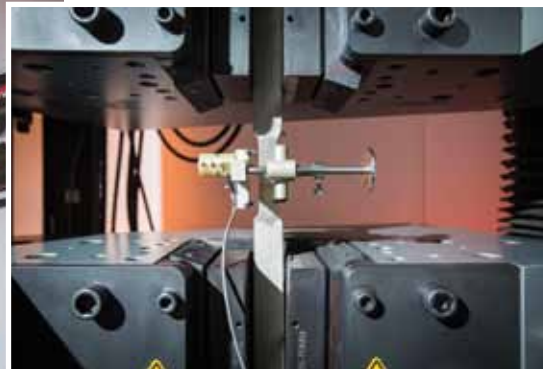
Partek Laboratories is proud to offer some of the highest capacity and most technologically advanced equipment along the Gulf Coast to determine the mechanical properties of all materials, including parent metals and welds. Deepwater/subsea fabrication companies and clients from other marine, pipeline, and nuclear energy industries rely on Partek's expert metallurgists to certify that materials and welding procedures satisfy the requirements of harsh operating environments and demanding work conditions. All testing is conducted to customer specifications and/or national codes.



*In our precision machine shop, Partek machinists produce both standard and specialized specimens for mechanical testing.*



337,500-lb. Tensile/Compression Tester



120,000-lb. Tensile/Compression Tester

(over)

Toll free: 1-800-445-4619 info@PartekLab.com www.PartekLab.com

CORPORATE OFFICE MAIN LABORATORY: 225 South Hollywood Road, Houma, LA 70360, Phone: 985-851-5310, Fax: 985-851-5312

WELDER QUALIFICATION DIVISION: 2050 Coteau Road, Houma, LA 70364, Phone: 985-851-4957

# MECHANICAL TESTING

(continued)



550 ft-lb. motorized Pendulum Impact Testing System



300 ft-lb. manual Pendulum Impact Testing System

## Facility Features and Equipment:

- Fully equipped machine shop to produce precision test specimens
- Advanced laboratory includes:
  - 337,500-lb. and 120,000-lb. Tensile/Compression Testers
  - 550 ft-lb. motorized and 300 ft-lb. manual Pendulum Impact Testing Systems
  - Optical Emission Spectrometer
  - Optical Microscopes
  - Metallurgical Microscope/Etchant

## Capabilities:

- Compression Testing
- Bond Testing
- Charpy Impact Testing
- Drop Weight Testing
- Hardness Testing
- Tensile Testing - Yield Strength, Ultimate Tensile, Elongation

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**Partek also offers portable equipment to perform hardness testing at a client's facility or job site.**

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METALLURGICAL & WELDING EXPERTS

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