

PERFORMANCE QUALIFICATION TESTING



Mechanical & HPHT Testing Services

Performance Qualification for Critical Oilfield Equipment

CNPC USA provides advanced High Pressure High Temperature (HPHT) testing services for completion tools, plugs, packers, and other critical equipment. Our laboratory delivers reliable qualification, validation, and failure analysis under realistic operating conditions

Why CNPC USA?

Our testing laboratory combines industry-leading equipment, experienced engineers, and rigorous quality processes to validate product performance in the most demanding environments. We help customers reduce risk, accelerate qualification programs, and improve field reliability

CORE TESTING SERVICES

- Developmental Testing Services
- Qualification Testing
- Cycle Testing
- Failure Testing
- Custom HPHT Testing Programs
- Product Verification Testing
- Fit-for-Purpose Testing
- 24 Hour Testing Durations Available
- Remote Data Acquisition
- Camera Surveillance

TEST EQUIPMENT

- Hydraulic rams for high-load push and pull testing
- Vertical and horizontal pressure test chambers
- Multiple-zone induction heating capabilities
- Hydraulic press rated to 300,000lbs
- Advanced data acquisition system with multi-zone pressure monitoring

High Pressure & High Temperature Testing

Pressure Capabilities	Load Capabilities	Temperature Capabilities
Up to 30,000 PSI WP (206.80 MPa)	Up to 500,000 lbs. Tension & Compression	Up to 1,400°F (760°C)



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