



# SERVICES OFFERED

### **Charge Development and Optimization**

Custom-designed, fit-for-purpose shaped charge solutions, developed from scratch or by enhancing an existing, proven product. Fastest turnaround time in the industry.

### **Charge Performance Benchmarking**

Comparative performance evaluation of alternative perforating products, typically carried out in compliance with American Petroleum Institute test protocols.

## **Perforating System Development**

Engineering design, prototyping, and performance testing of gun systems and accessories. We feature a full range of guns built from a proprietary high-performance gun steel.

#### **Customer Specific Tests**

Evaluation of perforating products under specific conditions, typically representative of the actual downhole environment in which the product will be deployed. Allows the client to evaluate a perforating system before running it in a well, reducing risk and optimizing results.

# **Gun Collapse Testing**

Testing to determine the maximum collapse resistance of various expendable carriers.

# Completions Tools Test Programs: FracDock™ SmartStart™

- Material Qualification Testing
- Function Testing
- High Temperature / High Pressure Testing
- Life Cycle Testing







