



Underwater Welding

Wet, Dry and Hyperbaric

Phoenix International's diving division, comprised of experienced professionals with diverse skills and comprehensive knowledge developed on projects worldwide, provides safe, high quality underwater welding services to the offshore Oil and Gas and commercial shipping industries. Our teams of certified diver-welders stand ready 24/7 to address your underwater welding needs in support of construction, IRM, ship repair and salvage operations, while putting the safety of personnel and protection of the environment as top priorities.

Your Solution to Underwater Repairs

Phoenix offers a wide range of welding services including:

- Class approved wet and dry hyperbaric welding procedures for structural and pressurized piping utilizing multiple filler and base material combinations
- Class approved dry hyperbaric tendon porch and pontoon weld repairs to floating structures and vessels
- Dry welding repairs inside of floating structure pontoons and columns
- Wet and dry hyperbaric weld repairs to fixed structures
- Safe underwater cutting/burning of:
 - Carbon Steel (regular, high strength & high yield)
 - Aluminum
 - Copper Nickel/Nickel Copper
 - Monel
 - Stainless Steel

Welding Procedures

Welding research, wet and dry welding procedure development, and welder training and qualifications are conducted using our facilities in Bayou Vista, LA. Our 13.6ft X 40ft deep fresh water dive tank, with installed dry chamber, permits procedure development and welder qualifications to water depths of 66 feet for wet welding and 99 feet for dry chamber welding, without the expense of offshore or onsite testing.

Currently, Phoenix has more than 52 certified welding procedures that greatly reduce client costs by enabling the use of pre-qualified procedures that match your materials and design. If one of our qualified procedures matches your project needs, our personnel will aid in presenting it to the governing authority for approval. However, if a new procedure is required, our engineers and AWS Certified Welding Inspectors (CWI) will work with the classifying societies and client governing body to develop new welding procedures to meet client specific needs.

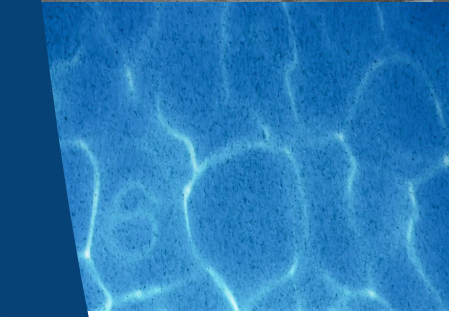
Contact us to learn more

www.phnx-international.com

281.815.8050-Houston, TX | 985.399.0606-Bayou Vista, LA

Davie, FL | Largo, MD | Chesapeake, VA | Aiea, HI

San Diego, CA | Stennis Space Center, MS



Our Experience

Phoenix has years of experience conducting inspection and repair work on floating structures in the Gulf of Mexico and vessels worldwide. Our understanding of classing society requirements coupled with our extensive welding capabilities enable us to assist our clients with every detail from inspection and repair plan development and governing body approval, to the safe execution of the repair and submission of a final report; thereby satisfying all the requirements to maintain client structure and vessel certification. Some examples of our experience include:

- Removing/replacing multiple structural members to repair a storm damaged platform (over 2,000 hours of bottom time)
- Welding at the splash zone to repair an offshore structure at +10' elevation
- ABS approved dry hyperbaric repairs to a TLP tendon porch
- ABS approved repairs inside pontoons/columns on TLPs below/above water line
- Class approved wet welding repairs to numerous commercial ships
- Major wet welding repairs to shore-base facility, bulkheads and piers
- Major wet welding platform stabilization and reinforcement repairs on fixed structures
- 25 years of underwater wet and dry welding repairs to U.S. Navy ships and submarines

Safe & Qualified Divers

At Phoenix, we are dedicated to performing and completing the job in a safe and efficient manner and make every effort to minimize risks to our diving team and those around us. We place great emphasis on safety and take pride in offering an environment that focuses on employee participation and emphasizes continual training. Our professional and dedicated diving teams are properly educated in all types of breathing mediums from surface supplied air and heliox to nitrox, and regularly undergo drug and alcohol screening.

Our Certifications

Phoenix International maintains a corporate wide commitment to safety and as such, is an ISO 9001:2015 Management Systems Certified Company. Other certifications include:

- Association of Diving Contractors International (ADCI)
- International Marine Contractors Association (IMCA)
- American Society of Non-destructive Testing (ASNT)
- American Welding Society (AWS)
- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- DNV
- Lloyd's Register
- RINA
- Class NK

Phoenix International Holdings, Inc.

An employee owned company

