

OFFSHORE MARINE INSPECTION SERVICES

CALTROP®



With more than 25 years of industry experience, CALTROP is a global leader in providing technical oversight, in-process verification, nondestructive examination and conformity assessment of heavy complex structural steel components fabricated for marine service in the oil and gas industry. CALTROP's core values of complete independence, transparency and integrity guide us in our mission to deliver consistent first-class services with a high level of quality to customers around the world. CALTROP's international project quality management team and specialized local inspectors have a proven track record with the successful delivery of specialized services for various marine structures worldwide, in addition to supporting global EPC projects in the petrochemical industry.

Our marine service inspection team is comprised of internationally qualified and certified inspectors experienced in quality

assurance and quality control inspection and documentation of steel structures in a variety of marine fabrication arenas, including offshore oil platforms (jackets), new construction and in-service repair of ship hulls, pressure vessels, drilling derricks, high-pressure piping, jack-up rigs and FPSO conversions.

Marine Inspection Services – In-Construction

CALTROP offers a wide range of services covering all aspects of inspection for both manufactured and fabricated components for the petrochemical and marine service industries. Our services include:

- Qualification review and oversight for welders and welding procedures
- Shop and site inspection involving in-process and final inspection
- Vendor assessment and pre-qualification for project procurement
- Development and implementation of advanced NDT procedures
- Confirmation of material grades and welding consumables
- Pressure vessel and pressure piping fabrication inspection
- Inspection and testing of corrosion protection systems

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In-Construction (continued)

- Development and review of inspection and test plans
- Global survey for confirmation of final dimensions
- Review of fabrication design and shop drawings
- Review of fabrication and erection procedures
- Review of final documentation packages

In-Service

CALTROP offers a wide range of services covering all aspects of in-service inspection for the petrochemical and marine services industries. Our services include:

- Periodic inspection of in-service structures for corrosion and fractures
- Monitoring of ship hull repairs during scheduled dry dock periods
- Process piping and inspection during overhauls and turnarounds
- Pre-shipment inspection and survey of component quantities
- Corrosion and fatigue assessment of in-service structures
- Corrosion mapping of high pressure piping systems
- Pitting corrosion surveys of deck piping systems
- Critical area inspections for marine vessels
- Drop object survey of in-service derricks
- Structural inspections for steel renewals
- Repair specification development
- Shipyard repair supervision

CALTROP has earned the confidence of our existing clients by consistently providing high quality inspection services and personnel supported by a companywide commitment to industry best practices. These core inspection services support the life cycle of assets in the oil and gas, and marine industries. Additionally, CALTROP's extensive range of services and experience of new fabrication and in-service survey of heavy structural steel in the global marine and oil and gas industries allows CALTROP the ability to maintain key client relationships.

