

PRESSURE VESSEL AND PROCESSING COMPONENTS

CALTROP



CALTROP Corporation has remained a global leader in the construction industry for more than 27 years and is considered a proven specialist in providing manufacturing and fabrication quality management services worldwide for various categories of complex pressure vessels and high end processing components. CALTROP provides clients with technical oversight, in-process verification, nondestruction examination and conformity confirmation during fabrication and manufacturing operations for pressure vessels, pressure equipment and processing components. CALTROP is particularly well-positioned and suited to assist with fabrication and manufacturing quality supervision spanning across the international borders of Asia, North America, Europe and the Middle East, given our local presences in each of these geographical regions.

CALTROP's fabrication and manufacturing inspection teams are comprised of internationally qualified and certified inspectors with expert knowledge of code requirements, inspection techniques and quality control systems. Our staff is made up exclusively of highly trained and certified personnel knowledgeable in international specification requirements applicable for complex global projects. CALTROP's multi-national, bilingual Inspectors and technicians offer a wide range of services covering all facets of quality inspection for fabrication, manufacturing, nondestructive testing, laboratory mechanical testing, abrasive blasting and coating operations typically required for the production of pressure vessel and pressure equipment. Our experience includes welding and fabrication of various type alloy pressure vessels, reactors, condenser, heat exchangers, pumps, piping and valves, in addition to specialized processing components.

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Our services include:

- Vendor assessment and pre-qualification for project specific procurement needs
- Review and approval of production procedures for compliance with project specifications
- Welding inspection (before, during and after) for compliance with codes and standards
- Verify fabricators and manufacturers' nondestructive testing technician qualifications
- Nondestructive testing services using MT, PT, RT, UT (conventional and advanced techniques)
- Shop and site inspections involving in-process operations and final inspections
- Dimensional verification during welding, assembly and final machining
- Qualification of welders and Welding Procedures Specifications (WPS)
- Review and approval of welding procedures specifications (WPS)
- Review of fabricators nondestructive testing procedures
- Vendor surveillance and third party Inspection programs
- Development and review of inspection test plans
- Review of fabrication design and shop drawings
- Positive Material Identification (PMI)

CALTROP, as a leader in the field of construction management, has earned the confidence of our existing clients by dependably providing high-quality inspection services supported by a companywide commitment to industry best practices. CALTROP's close affiliations with our client's needs has given us the ability to maintain key, long-lasting client relationships.

