

LOS ANGELES SERVICE CENTER

The Los Angeles Service Center is fully equipped to support the service, repair, and overhaul requirements of our customers, wherever their operations are in the world.

24-Hour Service | 13,545 ft²

CLYDEUNION® PUMPS



Get in touch
+3 562 622 2380

SERVICES

We provide an industry-leading OEM presence within easy reach of your operation, with quick response and turnaround of equipment regardless of pump make or model. Our experience spans across several complex industries including oil and gas, nuclear and conventional power generation, desalination, & other key markets relevant to our product portfolio.

We offer a comprehensive range of on-site services such as installation, inspection, commissioning, removal, preventative and scheduled maintenance, emergency breakdown service, and full turnkey projects, all designed to deliver optimum pump lifecycle results with minimum downtime. Our highly trained and experienced engineers work to minimize unscheduled shutdowns for customers, while considering all factors associated with the pump duty conditions, age, and demands on the pump system.

CAPABILITIES



PRODUCTS / SPARE PARTS

Original equipment parts, 3rd party pump parts re-engineering, assembly, basic overhauls, equipment upgrade services, packaging, pump system testing & assessment, spare parts, supervision/startup/training, technical services, upgrades & re-rates.



SERVICE / REPAIR

Multi-stage overhauls, vertical pit to disassemble and assemble pump vertically, reciprocating pumps overhaul with the ability to service both liquid end and power end, steam pumps overhaul, splitline & HOL overhaul, horizontal overhung pump & vertical pump overhaul, multistage barrel pump overhaul, and recirculating vertical pumps overhaul.



CORE COMPETENCIES

With tailored engineering solutions that enhance equipment reliability and performance, our Los Angeles Service Center offers numerous core competencies. We update existing pumps to the latest API 610 and 674 standards and perform equipment evaluations, upgrades, retrofits, and re-rates. We repair and refurbish rotating equipment, regardless of the original equipment manufacturer (OEM), and include an OEM guarantee and warranty for all service work.

Key Service Center Features: “5” horizontal boring mill, 48” vertical turret lathe, manual lathes, 2 hydraulic presses, welding shop, 3D Z-Scanner, PMI gun, 10 ton overhead crane, 5 KSI hydro test fixture, and high-accuracy 3D measurement with a handheld probe.



SERVICES:

Welding various materials including but not limited to 300/400 series SS and Monel. Hydrotest up to 6000 psi to ensure pump integrity post build. Ability to reverse engineer various pump components from different pump manufacturers. Create layouts to ensure all internal components will have correct clearances when assembled. Draft 3D models.

LIST OF EQUIPMENT:

- 10 ton crane
- Parts washing machine
- Sandblasting machine
- Dynamic balancing machine up to 30in diameter & 1000lb mass
- 3x Lathes
- Horizontal Boring Mill
- Vertical Turret Lathe
- Radial Drilling Machine
- Coordinate Measuring Machine

VALUE ADD / PAST PROJECTS:

- Quick Reponse Time, i.e., full overhaul/reinstall
- Complete Refurbishments of:**
- Cooling Water Pumps, 51” VMX Vertical
- Water Injection Pumps: CUP MOB 3x4 BB3, 9 Stg, A8 Mat'l
- BFW Pumps: CUP FT BB4, 8 Stg
- FCC Feed Pumps: 8x10x14C BB2
- Wash Water Pumps: CUP QD-400 Recip, 5 Stg



CASE STUDY

- QD-200 reciprocating pump showed short MTBF; customer-assembled unit failed within 6 months
- Pump sent to LA Service Center for overhaul
- Inspection found non-concentric bearing bores causing misalignment and premature failure. Repaired and reassembled.
- No field service required; customer reinstalled and started pump without issues
- Expedited turnaround in 2 weeks (standard is 4–6 weeks)
- Customer very satisfied with improved reliability and extended MTBF

