

PASADENA SERVICE CENTER

The Pasadena 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 | 28,500 ft² | BSI, ISO 9001:2008, FM543724

CLYDEUNION® PUMPS COPES-VULCAN®



Get in touch
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About Us

The Pasadena Service Center is your trusted partner for high-quality pump and valve services and support. Backed by decades of OEM expertise, we deliver fast, reliable solutions for both OEM and non-OEM equipment across industries like oil & gas, power, and water.

From precision spare parts to full pump and valve overhauls, our team combines advanced engineering with responsive service to keep your operations running smoothly. With 24/7 support and a fully equipped 28,500 ft² facility, we're ready to meet your toughest challenges - anytime, anywhere.

Core Services

Emergency & Field Support:

- 24-hour emergency response
- Field services
- Re-rates/Retrofits
- Installation & startup services
- On-site balancing & diagnostics

Pump Services:

- Overhauls/Upgrades
- Testing & evaluations
- Service & repair of centrifugal, reciprocating, rotating equipment, that meets API 610/674 standards

Customer Assurance:

- Full lifecycle support
- OEM-backed guarantee & warranty



CAPABILITIES

Engineering & Technical:

- Reverse engineering
- 3D laser scanning
- Vibration recording & evaluation
- Rotor balancing

Machining & Fabrication:

- Full-service machine shop
- CNC Machining/Haas Lathe
- 4x Engine Lathes
- 4x Horizontal Boring Mills
- 2x VTLs (up to 52")

Parts & Certification:

- OEM & third-party spare parts
- ISO 9001:2008 Certified (BSI FM543724)

- 2x Hydraulic Presses (up to 150 ton)
- Balance Machine
- Bench Grinders
- 25-ton Cranes
- Dedicated welding & painting areas



CASE STUDY

To meet growing capacity demands, a major midstream operator partnered with us to upgrade their Texas pump station. The goal was to increase throughput from 208,000 to 280,000 barrels per day (BPD), with potential to reach 320,000 BPD.

We proposed a comprehensive solution involving re-rating existing booster pumps, installing new 2250HP mainline pump packages, and upgrading motors and baseplates.

A key aspect of the upgrade was our ability to deliver customized drop-in replacement pumps that required no modifications to existing base plates or piping, minimizing site disruption and budget impact. Additionally, we conducted full factory-authorized performance tests (FAT) to validate hydraulic

performance and ensure reliability.

Notably, both the booster and mainline pumps were non-OEM units not originally supplied by Celeros FT, demonstrating our capability to engineer and support solutions beyond our own product lines. The project also included field service support for installation and startup, ensuring a smooth transition with minimal operational downtime.

The upgrade leveraged advanced pump designs and drag-reducing agent (DRA) optimization to enhance flow efficiency and pressure performance. This strategic enhancement positioned the station for future scalability and improved operational reliability.