

ABOUT US

We at Optimal realize our reputation is built upon solid relationships. We aim to differentiate our services from the competition with clear objectives and unparalleled alignment with the industries with which we conduct business. We constantly strive to listen to our clients and learn how we might best serve their individual needs. Optimal provides turnkey industrial services to the petroleum, petrochemical, specialty chemical, gas processing and paper processing industries.

Optimal's highly trained experts handle modifications, repairs and replacements safely and efficiently. An on-site optimal project manager consults with plant management to guide the project from planning through completion and to ensure safety at every step. Quality of service shall be a primary objective, with all employees taking pride in the effort to surpass personal and company expectations for successful management of the company's quality program.

Driven by executive management leadership, front-line supervision, and quality training; Optimal has successfully proven to be the best, most organized and efficient team in our industry.

Our organization is committed to being best-in-class at Production, Quality, and Safety and consistently provides our customers with the most successful turnarounds in the Industry.

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OPTIMAL

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 **OPTIMAL**
a crest industries company

POWERFUL, PRODUCTIVE, & PROVEN

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SAFETY

Safety is our number one priority. We want to sustain a zero-incident and zero-recordable safety record. Our personnel are highly trained professionals that possess safety first attitudes and records. We emphasize the importance of being productive while not compromising safety.



OUR KEYS TO SUCCESS

- ▶ Completely dedicated project managers who are personally assigned to the project and handle all quality control issues.
- ▶ Implement planning and training procedures to assure both proper execution of the project and proper completion thus eliminating wasted time.
- ▶ Eliminate material waste and unnecessary project cost by utilizing project management's expertise in attentiveness to every project detail.
- ▶ Having an exemplary attitude of being "The best in the business." This attitude is personified in all areas of the project from personnel hiring, equipment provisions and safe working environments.



The Optimal choice for Integrated Solutions...

OPTIMAL'S INTEGRATED SOLUTIONS

Our team has successfully proven over the years to be the best, most organized and efficient team in our industry. Our attention to detail, dedication to achieve 100% customer satisfaction and persistent drive consistently provides customers with the most successful turnarounds.

Optimal maintains an elite group of highly specialized and trained employees of boilermakers, pipe fitters and welders to assure every turnaround maintains a level of quality surpassing the industry standard.

OPTIMAL'S (TURNKEY) TURNAROUND AND MAINTENANCE SERVICES INCLUDE:

- ▶ Project and Turnaround Management
- ▶ Specialized Planning/Scheduling/Cost Control
- ▶ Exchangers
- ▶ Turnaround Piping and Valves
- ▶ Structural Installation
- ▶ Boilermaker, Pipefitting and Welding
- ▶ Best in Craft / Skilled Labor

SPECIALTY WELDING

- ▶ Furnace, boilers, and heaters
- ▶ Asme and NBIC code repairs
- ▶ Best in class welding: Carbon to titanium



POWER BOILERS



REPAIR



PRESSURE PIPING

CATALYST HANDLING (BLIND TO BLIND):

TYPES OF SERVICES:

- ▶ Catalyst Unloading (Inert/Non-Inert) - Vacuum or Dump
- ▶ Catalyst Loading (Inert/Non-Inert) - Sock or Dense Loading
- ▶ Catalyst Screening
- ▶ Type of Dense Loading (Inert/Non-Inert) - CALM (Reformer Tubes) or Calydens (Fixed Beds)
- ▶ Video Inspection Services

EXCHANGER SERVICES:

- ▶ Field Exchanger Repairs
- ▶ Venting and Plugging Tubes
- ▶ Repair and Installation of Seal Strips
- ▶ Coded Weld Repairs
- ▶ Nozzle Installations
- ▶ Bundle extractions, up to 90" or 165,000 lbs., and up to 34' length
- ▶ Truck mounted, Crawler, Aerial, and Self-propelled Extractors



TOWER FIELD SERVICES

- ▶ New /replacement tray installation services of all tray types, structured and random packing
- ▶ Able to provide engineering, fabrication and supply of all internals as well as supply consignment hardware for your shutdown needs
- ▶ NBIC code welding repairs, nozzles installations, repairs and replacement
- ▶ Emergency provision of tower internals when out of scope repairs are identified
- ▶ Complete mechanical warranty on all above listed field services