



AltairStrickland

An EMCOR Industrial Services Company

CAPABILITIES

Helping Clients Plan for the Unexpected for Over 40 Years

We help our customers better prepare for the unexpected by specializing in the early planning stages of their projects. We are one of few mechanical contractors that offers project studies and analyses, lift engineering and rigging studies, and other services — all intended to provide practical advice that has the potential to enhance constructability and reduce risk.

Optimizing Turnarounds with Advanced Engineering

Turnarounds are costly— typically the most significant portion of a plant's yearly maintenance budget —and we implement time- and cost-saving measures wherever possible.

Our in-house engineers play a critical role, facilitating turnkey support and helping to optimize each project's scope for safety, reliability, and effectiveness. By identifying critical path activities, consulting on rigging and lift plans, developing weld strategies, and more, our engineers help navigate complex refinery environments to deliver more effective and less costly projects.

AltairStrickland has been executing turnarounds, revamps, and process unit upgrades for the refining, petrochemical, chemical, ammonia, and power industries since 1976. As mechanical construction specialists, our core business is focused on fluid catalytic cracking units (FCCUs), delayed coking units (DCUs), and ammonia units.



Leveraging Our Team of Experts to Minimize Plant Downtime

Mitigating downtime is essential to both profitability and production. We approach scheduled downtimes with methods that center on a quick pace and high level of intensity—planning projects out well in advance and incorporating detailed estimating and constructability reviews. For unscheduled downtime, we can quickly deploy a team of trained experts to resolve issues quickly.

OUR MARKETS

REFINING

PETROCHEMICAL

CHEMICAL

GAS

POWER

FERTILIZER

PLAN ON
TURNAROUNDS ▶ REVAMPS ▶ UPGRADES
EXCELLENCE



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A FULL SUITE OF TURNAROUND AND REVAMP SERVICES

PLANNING, MANAGING,
AND EXECUTING

FCCU AND COKER UNIT SERVICES

AMMONIA PLANTS

PROCESS TOWER REVAMPS
AND REPLACEMENT

POWER PLANTS

SPECIALTY WELDING SERVICES
AND ASME-CODE WELDING

HEATER AND BOILER REPAIRS

VESSEL FABRICATION

CONSTRUCTABILITY REVIEWS

PROJECT CONTROLS

CONSULTING SERVICES
AND SOLUTIONS

SCOPE AND BUDGET DEVELOPMENT

'COLD EYES' REVIEWS

COMPUTER AIDED DESIGN (CAD)
AND COMPUTER AIDED
MANUFACTURING (CAM) MODELING

LIFTING AND RIGGING PLANS

ESTIMATING



Industry-Leading FCCU and Coker Revamps

AltairStrickland is among the country's leading providers of FCCU and coker revamps. We offer end-to-end FCCU revamps starting with extensive pre-planning service right through to managing the entire scope of work. We have unmatched expertise in the installation of automated un-heading systems and are an experienced contractor for drum replacements.



Our FCCU turnaround services include:

- Reactor/regenerator replacement/repair
- Large transfer line modification/repair/replacement
- Cyclone replacement/repair
- Air grid replacement/repair
- Expansion joint replacement/repair
- Slide valve replacement/repair
- Main fractionator & gas recovery systems

Our coker revamp services include:

- Restart projects
- Drum alterations
- Un-heading system replacements and demos
- Dump chute installations
- Feed-line revamps
- Opening, cleaning, and inspection of block fixed equipment
- Structural steel replacements
- Unit piping reinstatements

PLAN ON

TURNAROUNDS ▶ REVAMPS ▶ UPGRADES

EXCELLENCE



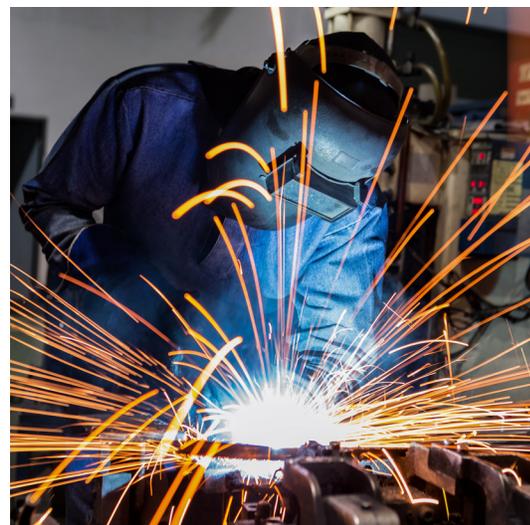
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Driving Project Success with Innovative, Patented Processes

AltairStrickland has earned a reputation for on-the-spot field innovations that have saved plant owners/operators considerable time and money. Fueled by countless hours of field experience, our team prides themselves on their ability to think on their feet and make real-time adjustments that can be critical to a project's success.

We have also patented a range of tools, equipment, and processes that help give us an edge over our competition, such as a center pipe lifting device designed to keep coke drums intact as they are extracted from old units.



Leading the Industry with an Unwavering Commitment to Safety



Over the past 40 years, AltairStrickland has been fundamentally committed to fostering a company-wide safety culture. To live up to this commitment, we invest substantial energy and resources into developing and implementing a detailed, continuously evolving Zero Injury Safety Program which speaks to our unwavering commitment to the wellbeing of our customers and employees.

WHAT CAN WE DO FOR YOU?

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