



**A commitment to Critical Project Execution  
that borders on the obsessive.**



**AltairStrickland**

*An EMCOR Industrial Services Company*



**Critical Project Execution.**  
We pay attention to details that others either don't see—or just don't care to see.

“We've done enough outages and turnarounds to know that **no two projects are ever the same.**”

AltairStrickland has been executing turnarounds, revamps and upgrades for the refining, petrochemical, chemical, ammonia and power industries since 1976. As mechanical engineering specialists, our core business is focused on Fluid Catalytic Cracking Units (FCCUs), Delayed Coking Units (DCUs), and Ammonia Units. Not only are we experienced and skilled at executing projects, we are also capable of handling the entire project including engineering, procurement, and project management.



### **Process-driven with a Focus on Painstaking Pre-planning**

Our fanatical focus on pre-planning helps ensure a safer, more cost-effective turnaround every time. When a million pounds of steel is being hoisted from a million-dollar crane, that's no time for costly surprises. We use AutoCAD,<sup>®</sup> 3D surveys, even plywood to build full-scale models to explore virtually every conceivable what-if scenario to assess potential constructability issues before they become issues.

### **On-time, On-budget**

Being on-time, on-budget and ultra-efficient in the work we perform are paramount to every job we take on. Our pre-planning services are targeted to encompass every facet of the project, and the AltairStrickland engineering team has the experience, resources and expertise to manage complex projects—from concept to completion.

### **Strongholds in Safety**

With a reputation for safe practices that precedes us on every project, AltairStrickland's commitment to safety is envied in the industry. One recent year, we completed 1,078,437 injury-free hours at a process plant turnaround for BP Texas City—a result of our Zero Injury Safety Program and unwavering commitment to the well-being of our customers and employees.

We are dedicated to industrial safety solutions and programs, and are proud to say we've won numerous safety awards and commendation from clients. We attribute our successful safety record in part to the Tenants of Safety, which are ingrained in every person we employ.

For the past thirty years, we've built upon our foundation of safety, relying on our program investments and safe work practices as the cornerstone of the AltairStrickland organization.



Obsessing over the smallest details is an enormous part of who we are—and a huge benefit for our clients.

### Champions of Innovation

For 30+ years, we've spearheaded sensible, efficient solutions for virtually every type of turnaround challenge imaginable. From pre-planning problem solving to on-the-job, real-time innovations, it's hard to imagine a situation we can't handle. We welcome *your* challenge.

### Not just What we do, but How we do it

The AltairStrickland approach is comprehensive. We perform project studies and analyses along with lift engineering and rigging studies that provide a precise roadmap—from engineering drawings on to fabrication, field assembly and start-up. As always, these services help eliminate serious problems, delays and budget overruns.

### We Hire The Best And Help Them Get Better

AltairStrickland prides itself on hiring and developing some of the most highly skilled managers, supervisors, and tradesmen in the industry. By utilizing a two-part process that focuses first on talent identification and then on talent development, we ensure that our employees remain among the most proficient, capable employees in the industry.

### Turnaround-Specific Craft Testing Program

In 2004, AltairStrickland developed the Turnaround-Specific Craft Testing Program. This computer-based program, which is unique to AltairStrickland, evaluates a person's job skills, as well as his or her knowledge of quality procedures, tools, equipment and industry safety practices. That way we know we're hiring great talent each and every time.

### In-house Employee Development

AltairStrickland has also formalized an in-house training and professional employee development "needs assessment" program that is administered by a carefully selected steering committee.

The purpose of the employee development program is to ensure that each of our employees acquires the best training available to successfully execute his/her job assignments. The result is a proactive company with a vital ongoing interest in the success of each of its employees.



### OUR MARKETS

- Refining
- Petrochemical
- Chemical
- Gas
- Fertilizer

### AREAS OF SPECIALIZATION

Proficient in developing time-sensitive, creative solutions designed to save money and unnecessary effort wherever possible, AltairStrickland's areas of specialization include:

#### REFINERY MARKET

CCU and Coker Turnarounds and Revamps

#### PETROCHEMICAL MARKET

Ammonia Plant Shutdowns and Revamps

#### POWER PLANT MARKET

Outages

#### SPECIALIZED MECHANICAL SERVICES

Welding Services & ASME Code Welding  
Heater and Boiler Repairs

NOx and SOx System Installations

Pipe and Vessel Fabrication

#### PROJECT MANAGEMENT

Planning, Management, and Execution of Turnarounds

Constructability Reviews

CAD-CAM Modeling

Project Planning, Cost Control, and Management

Consulting Services

### Core Values

#### Safety Excellence

Do no harm to people, the planet, or property

#### Quality

Do it right the first time

#### Honesty

Stay grounded in the truth in all situations

#### Integrity

Say what you mean and do what you say

#### Performance

Exceed expectations in all that you do

### How can we help you?

#### AltairStrickland

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### Our Mission

Our people and commitment are the cornerstones of our business. Our people are carefully selected and developed to deliver safe, efficient solutions for our clients' construction and maintenance challenges. Our commitment to project success is seen in our energy, focus, and results. Our people and commitment help us to exceed client expectations in all that we do.

### Harnessing the Power of a Fortune 500® Leader

EMCOR Group, Inc. (NYSE: EME) is a Fortune 500® leader in mechanical and electrical construction, industrial and energy infrastructure, and building services for a diverse range of businesses.

For seven consecutive years, EMCOR has been named one of the *Top Most Admired Companies in the Engineering and Construction Industry* by Fortune® magazine.

EMCOR builds, powers, services and protects the sophisticated and dynamic systems that create facility environments in virtually every sector of the economy for many of the world's most successful organizations. By planning, installing, operating, and maintaining a wide range of facilities and systems, 29,000+ employees at 170+ locations help clients increase productivity and optimize their businesses.

[www.emcorgroup.com](http://www.emcorgroup.com)

### Safety is Job #1.

#### Safety that Beats the National Average

EMCOR's safety performance is far better than the Bureau of Labor Statistics industry averages, with a rate of injury that is consistently 60%–75% lower than our competitors.

(Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 238, 2004-2012)



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