

TURNAROUND SERVICES



Advantages

- Enhanced safety
- Reduced turnaround duration
- Lower costs
- A single point of contact and responsibility
- Reduced offsite exposure and transportation risks
- Minimized handling damage

USA DeBusk has an extensive record of success with turnaround services for every area of plant operations, including FCC, sulfur recovery, alkylation, crude, ethylene, cokers, hydrotreaters, towers, separators, condensers, boilers, coolers, scrubbers, exchangers, and strippers. Our unique approach to turnaround planning and execution offers you advantages in speed, safety and savings.

MULTI-SERVICE SYNERGY

We provide the broadest range of specialty, high-value services and the ability to execute a large scope of turnaround services. Multi-service synergy allows us to take advantage of efficiencies in utilizing equipment and personnel, saving time, reducing costs, decreasing our overall footprint, and ensuring consistent, quality results. Advanced automation throughout our service lines increases speed, improves precision and productivity, and mitigates safety risks.

BEST-IN-CLASS SAFETY

We operate according to the industry-leading safety guidelines. We develop project-specific safety plans incorporating both customer and USA DeBusk guidelines, make extensive use of automated technologies, and have dedicated safety professionals onsite at all times.

STRATEGIC PLANNING

Our Event Manager and turnaround teams work with your engineering, operations, maintenance and HSE personnel to clarify the scope of work, identify potential problems, and develop safe, effective solutions to meet your objectives.



Strategic planning boosts efficiency

Safety focus in planning and execution



Advanced service line technologies

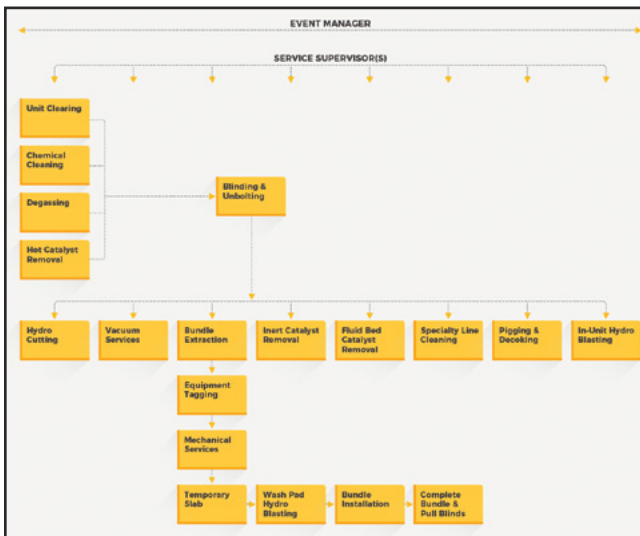


TURNKEY TURNAROUND SUPPORT SERVICES

- Unit clearing and chemical cleaning
- Degassing
- Hot catalyst removal
- Fluid bed catalyst services
- Fixed bed catalyst services
- Inert catalyst services
- In-unit 10-40,000 psi hydro blasting
- Blinding and unbolting
- Bundle extraction
- Equipment tagging and tracking
- Mechanical services
- Temporary slab setup
- Complete slab management
- Wash pad automated hydro blasting
- Bundle installation
- Complete bundle and pull blinds
- Pigging and decoking
- Precision hydro cutting
- Vacuum services
- Specialty line cleaning

UNIT SPECIALTIES

- Specialized FCC unit services
- Specialized Coker unit services
- Automated technologies for all units
- Water recirculation for hydro blasting and pigging & decoking
- Flareless turnarounds for all units
- MSS vacuum trucks for all units



TURNAROUND SERVICES PROVIDE THE EXPERTISE TO UNCOVER EFFICIENCIES AND MANAGE PROJECTS FOR SUPERIOR RESULTS