

UNIT CLEARING



Advantages

- Saves days on turnaround critical path
- Opens units more efficiently
- Safe for personnel and equipment
- Pre-engineering develops detail drawings and timelines
- Proven, predictable results
- Turnkey services

Unit Clearing is a critical component of a successful turnaround. USA DeBusk is committed to being the best and most complete service provider in the industry.

THE RIGHT STUFF

- A veteran team of experienced engineers and refinery and chemical plant operations supervisors with 10+ years in a plant or refinery at a supervisor level, as well as chemical cleaning supervisors with 10+ years of experience
- Detailed plans that include even the smallest of details
- Purpose-built equipment designed for whole-unit cleaning
- Safe, effective, well-tested chemistries to remove H₂S, LEL, benzene and pyrophorics
- A complete package of complementary services, including mechanical, bundle pulling, and drain header system installation

THE RIGHT PLAN

- An experienced USA DeBusk team meets with plant/refinery personnel to get a clear understanding of all of the potential challenges, safety and environmental concerns, and operational issues
- Discussions include a complete review of lessons learned from previous turnarounds
- P&ID and SFD drawings highlight the entire system to be cleaned, as well as flow paths
- Detailed procedures in the client's format
- Training of plant operations personnel on tasks and responsibilities
- On-site assistance with management to assure equipment is placed per the drawings and plot plan
- USA DeBusk executes the plan and the procedures



Purpose-built equipment



Expert planning



Highly experienced specialists

USA DEBUSK
IS PASSIONATE
ABOUT SAFETY, THE
ENVIRONMENT,
AND MEETING YOUR
EXPECTATIONS

THE RIGHT CHEMISTRY

USA DeBusk offers proven chemistries, including proprietary products to remove H₂S, LEL, benzene, hydrocarbons, and pyrophoric concerns from a long list of process equipment. One of these products, DeBusk OX, provides significant benefits over the typical potassium permanganate alternative.

Other proprietary products provide neutral pH cleaning of HF alkylation units. These options provide benefits over the hydrochloric acid method, including significant improvements in safety and time savings.

SAFETY IS #1

USA DeBusk has one of the best safety records in our industry because safety is a core value. Our supervisors have the right safety attitude, not taking short cuts, following procedures to the letter, and having the right level of knowledge to be a leader. Safety starts with a thorough JSA that every person on the team reviews in order to know their role.

USA DeBusk is the right choice for clearing and cleaning your entire unit at turnaround time. Proven products, results that meet your expectations, the right team to meet your schedule, the ability to meet your budgeted cost expectations the first time, and a passion for safety... that is USA DeBusk.



Proven, predictable results