Aluma Systems Petrochemical Plants



Turnkey Solutions, Petrochemical Maintenance & Turnarounds





OVERVIEW

With extensive expertise providing turnkey equipment rental, erection and dismantling services solutions to the petrochemical refinery industry, Aluma Systems is a trusted contractor of choice for plant construction, shutdowns and industrial-maintenance projects.

Our nnovative solutions span a full range of concrete formwork and scaffoiding services with years of experience on reactors is boilers storage tanks and other plant components and systems. A umale adds the industry in safety and invests heaving in research and development. Our innovative scaffoid accessories make erection and dismanting on any component of the plant safer and more efficient. Our project-management teams work with customers from start to finish ensuring that each project is on time and on budget every day. Let A umale ngineer innovative customized products and solutions for your next petrochemical project.

A. Suspended Smoke Stack Platforms

A uma is experienced in creating suspended smoke stacks for exterior and interior circular platforms and suspension systems

B. Coker Platform

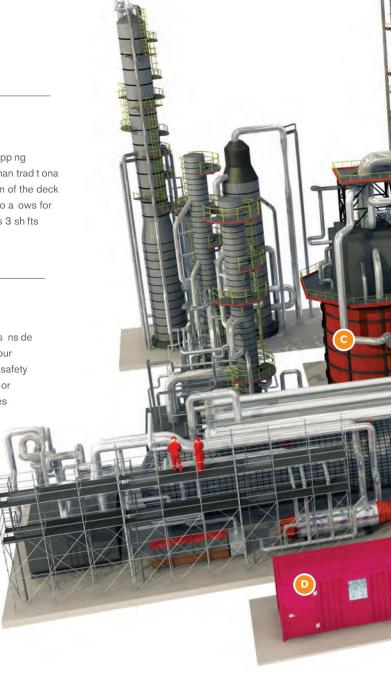
A uma takes a un que t me-sav ng approach to eng neer ng decks for e ectron c ch pp ng mach nes ns de the coke reactor. Our eng neer ng so ut on requires fewer pieces than traditional designs. The design is strong enough for a dance floor to be rigged from the bottom of the deck and permits twoich pp ng mach nes to operate simultaneous y. The deck design also a lows for building a scaffoid to reach the cyclones on top of the coker and on average saves 3 shifts in turnaround times.

C. Boiler Services

A umas expert sein industrial scaffolding insulation and safety services for projects inside and outside the boiler can enhance safety and reduce down time. One example of our innovative design is our open-center access solution, which reduces risk improves safety and saves costs. Building scaffolds with just per meter decks, when no dance floor or superheat access is required in materials the need for many center legs. This reduces the dangers associated with establishing center legs from partially planted decks and saves an estimated 25% on material and abort This design significantly reduces down time.

D. Blast Resistant Offices

B ast-res stant off ces are essent a safe-space so ut ons for ref nery workers. These mobile off ces maximize safety and productivity by safely locating workforce closer to work zone. Off ces are available in 2.0 or 5.0 ps. Read more about biast-resistant off ces in the enclosed brochure.





E. Coker & Reactor Services

A umas suspended p atforms are un que y des gned for petrochem caref nery cokers and reactors and can be suspended inside the unit. They are lowered and raised using fiting devices. Suspended platforms expand and contract as the unit siw dthichanges. Expandable suspended platforms are designed to go through smallopenings in the coker and other reactors in the refinery. Our aluminum platforms have a high load capacity are glitting that can be built to accommodate a sizes and shapes of cokers and reactors it is estimated that our efficiently erected and dismant ed suspended platforms can save up to 3 shifts in down time.

F. FCCU Unit

A umas capab tes nc ude scaffodng as we as shorng services. This unique combination alows us to serve FCCU units ranging in weight from 300 000 bs to 900 000 bs. We use heavy shoring frames with high load capacity per egisurrounded by scaffoding. The half she lof the FCCU unit rests on our innovative U head which is used around the shoring. This unique application design saves customers 40% in abor and material costs as we as an estimated average of 50% on downtime.





Aluma Systems Industrial Services

304-69 Avenue NW Edmon on, Alber a Canada T6P 0C1

T 780.440.1320 F 780.440.2535

www.aluma.com

