

CUSTOM DESIGN, ENGINEERING & FABRICATION

OF OIL FIELD EQUIPMENT AND FACILITIES



nalcofabtech.com

FabTech
A Nalco Champion Company



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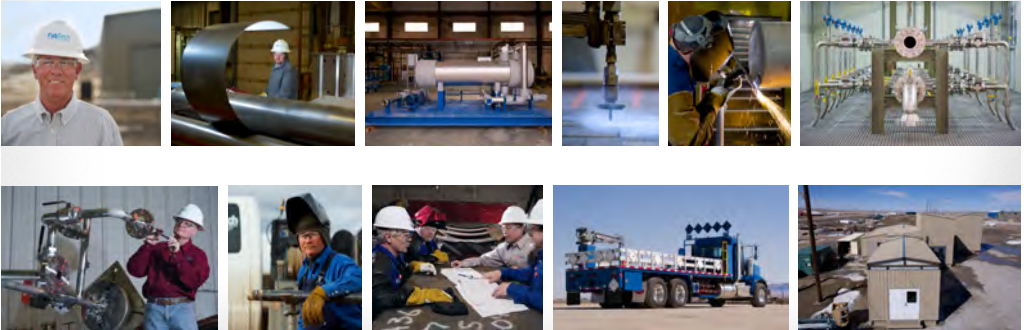
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ZERO ACCIDENTS | ZERO INCIDENTS | ZERO ENVIRONMENTAL RELEASES

GOAL ZERO



SAFETY FOR EVERYONE EVERYWHERE

At Nalco FabTech, our programs ensure that safety is no accident. Protecting the environment and the health and safety of our employees, customers and the communities in which we live and work are among our highest priorities. Our business practices support the sustainable production of energy for the world, including helping you operate sustainably as well.

ABOUT US

Nalco FabTech's 34-acre campus in Casper, Wyoming, brings together an exceptional team of experienced engineers, equipment and facility designers, process specialists, and fabricators. Together, we build, operate and maintain oil field facilities and equipment for both onshore and offshore environments worldwide. Working closely with our customers and thru an ISO9001 certified Quality Management System, we exceed expectations and focus on safety and reliability.



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Fabrication for the oil field relies on innovating for the next generation, maintaining the highest quality and safety standards, and focusing each and every day on the needs of our customers.

Founder & President
Larry Rubis



FACILITIES & EQUIPMENT



DESIGN



FABRICATION



ONSITE PERSONNEL



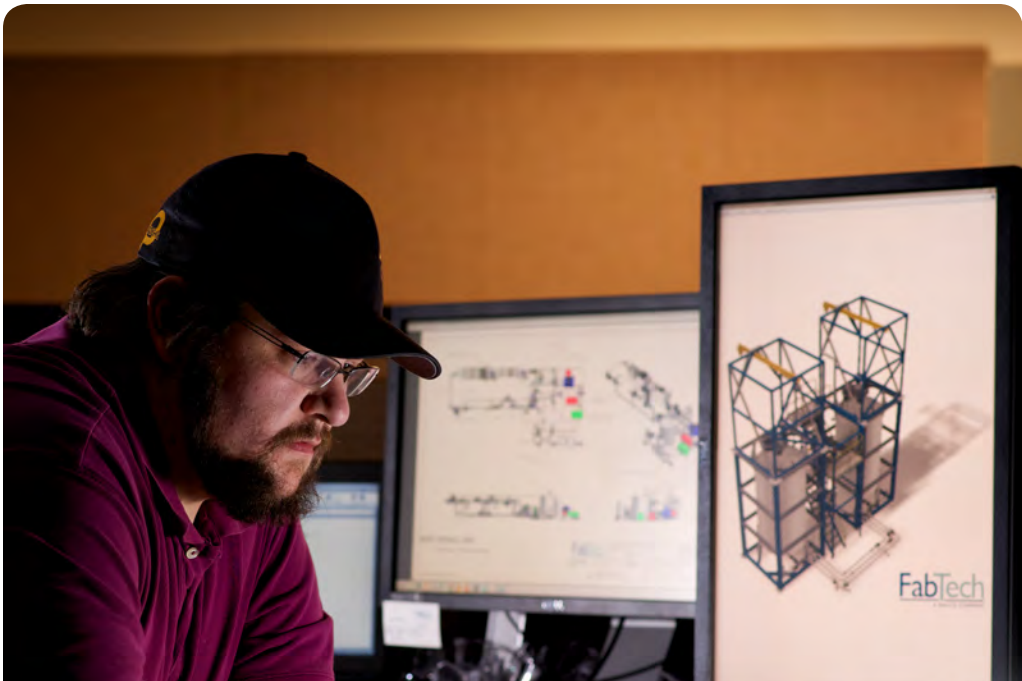
ONSHORE/OFFSHORE

IN-HOUSE CAPABILITIES

Nalco FabTech provides a wide array of in-house capabilities to ensure total oversight on our final products. This enables us to meet your expectations for safe and reliable oil field equipment and facilities.

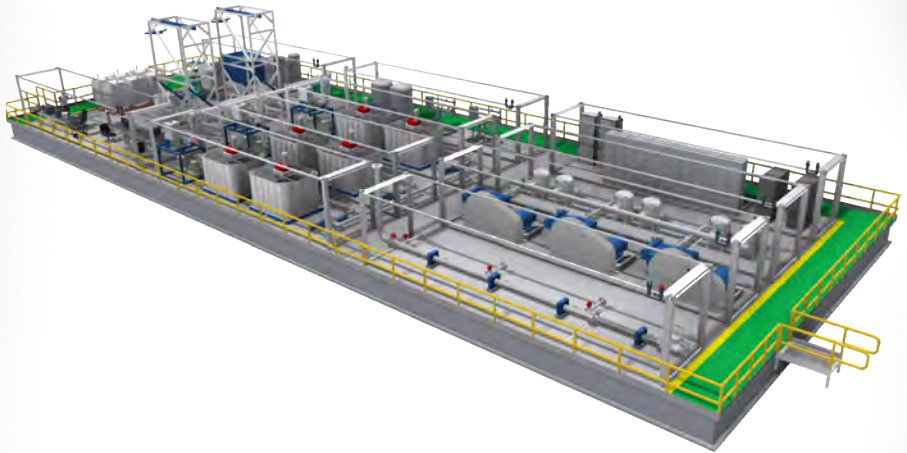
MAJOR SHOP EQUIPMENT

- Over 100,000 square feet of fabrication floor space
- Two press brakes
- Two plate shears
- Five ironworkers
- Two waterjets
- Over two dozen overhead cranes (up to 40-ton capacities)



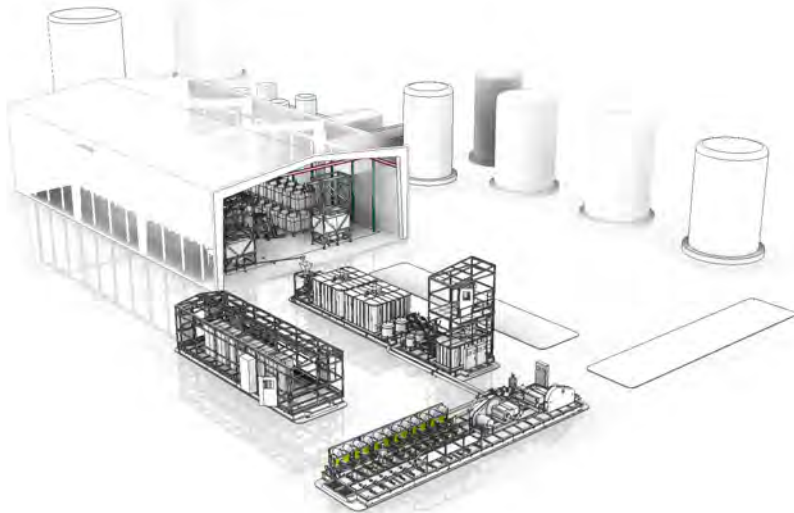
ENGINEERING DESIGN

Nalco FabTech offers more than just fabrication. We also offer engineering and design services that include process design, 3D modeling and finite stress analysis.



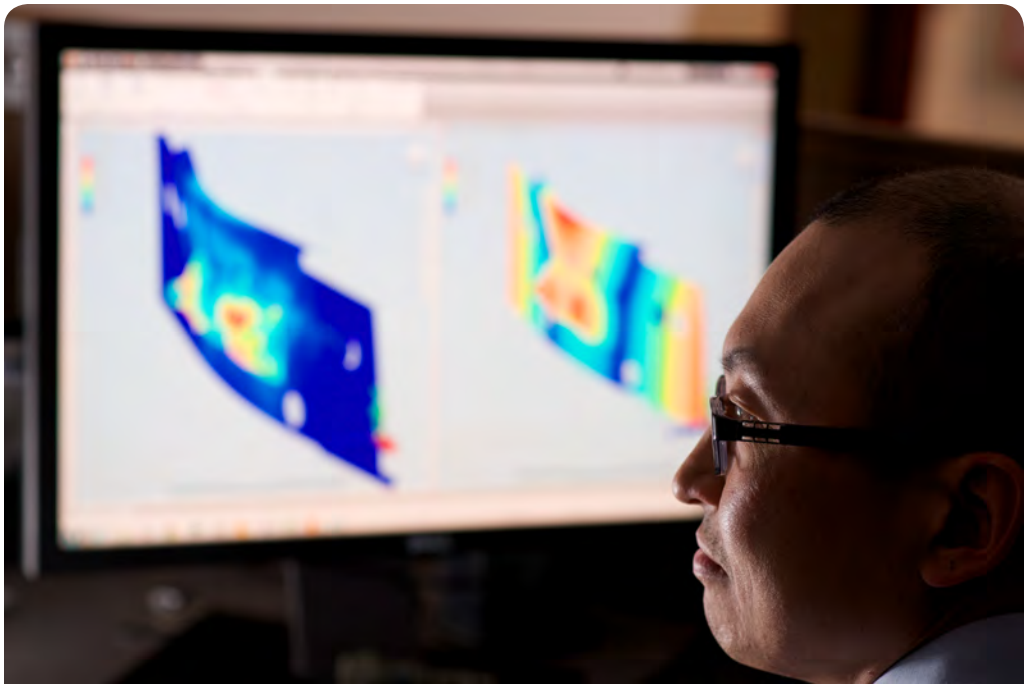
With 3D design, facility concepts are proven, ensuring serviceability, eliminating equipment interference and optimizing footprints.

ENGINEERING DESIGN



ENGINEERING DESIGN

Site design is critical to the success and cost of a project. FabTech can design the layout of the entire location and be a single contact for site implementation.



Nalco FabTech provides, upon request, finite element analysis of your equipment to determine correct sizing and supports to ensure equipment longevity.

ENGINEERING DESIGN



WATERJET

Our two waterjet machines are capable of 60,000 psi and can cut up to 6-inch thick, 10 x 13-foot sheets of plastic, wood, glass and steel.



With a full line of forming equipment, Nalco FabTech can form or roll plate and sheets as well as roll structural steel including: square and rectangular tube, beam, channel or angle, bend pipe and crimp plate for tanks.

METAL FORMING



WELDING

Nalco FabTech offers a wide array of welding capabilities including GMAW, GTAW, SMAW and SAW. FabTech can meet international welding codes when required. FabTech has weld procedures for carbon, stainless steel and aluminum.



Nalco FabTech provides structural welding for skids, buildings, pipeline bridges and more. Structural welding is done to AWS D1.1 standards and international codes when required.

STRUCTURAL WELDING



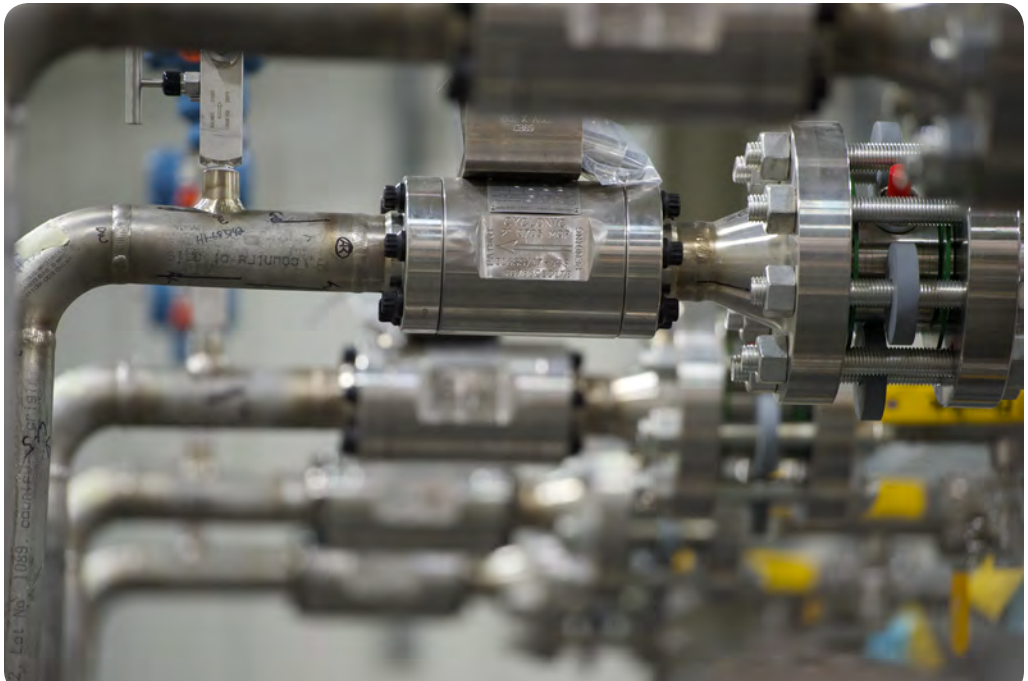
CARBON STEEL PIPE WELDING

Nalco FabTech provides process piping for any size project. Typical standards include ASME B31.1, B31.3, B31.4, API 1104.



Nalco FabTech specializes in stainless steel pipe fabrication. For our dedicated shop, with over 12,000 square feet for stainless steel pipe welding, no project is too large.

STAINLESS STEEL PIPE WELDING



ASSEMBLY

Nalco FabTech has dedicated crews of assemblers to install process piping, instrumentation and controls.



Nalco FabTech can clean and blast equipment to the specification required by your coating product of choice.

BLASTING



PAINT

Nalco FabTech has a dedicated paint booth with over 4,000 square feet, ensuring that coating massive pieces of equipment or multiple small components can be done with ease. Our wide range of coatings include enamels, epoxies and industrial Rhino Lining.



To ensure the highest quality products, Nalco FabTech's QC department performs daily inspections on all aspects of our fabrication work. Inspections include: fit-up checks; weld inspections; paint mil checks; oversight of hydrostatic testing, third party inspection services, and FAT testing.

QUALITY CONTROL INSPECTIONS

SERVICES

Nalco FabTech provides a wide array of services that ensure your field operations run smoothly and meet your expectations for safe and reliable oil field equipment and facilities.

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Our goal is to not only provide quality services, but to also do it safely. Safety is engineered into everything we provide and our years of field service experience help us to keep your employees safe, as well as ours.

Founder & President
Larry Rubis



RESEARCH & DEVELOPMENT

Nalco FabTech can assist with design, installation and operational assistance on R&D projects for pilot projects or field trials.

FabTech provides feasibility studies, engineering, design, equipment fabrication, installation and operational assistance for R&D or pilot projects and has installed numerous chemical EOR pilot plants throughout the world.

In addition to FabTech's internal capabilities, we also partner with industry leading companies as well as government agencies to develop new technologies to solve the next generation of challenges.



PROJECT MANAGEMENT

Nalco FabTech provides project management services for both in-house fabrication and on-site construction and implementation.

Cost management and efficient execution of a project is critical to project success. FabTech assigns a manager to each project to ensure all stakeholders are informed of the status, deadlines and changes. This open communication ensures that there are no surprises.

Looking for better implementation in the field? Let FabTech provide on-site project management. We can add value by allowing you to utilize one company for the entire project.

How will this add value? Direct communication between the shop and field construction crews eliminates multiple contractor miscommunication, schedule conflicts, and scope of work discrepancies.



SITE CONSTRUCTION

Nalco FabTech will ensure your site work is done correctly and matches your equipment's capabilities.

While picking the right equipment and components is crucial for proper operation, site construction is just as important. FabTech can manage or assist with site construction to ensure the equipment is installed correctly and operates efficiently.

FabTech can provide all phases of turnkey project management:

- Civil and mechanical engineering
- Permitting
- Procurement
- Drafting
- Safety
- Scheduling
- Cost management



FIELD EQUIPMENT

Having the right field equipment and experienced operators is essential for safe and efficient project execution.

Nalco FabTech's construction fleet includes the following:

- Welding trucks
- Telehandlers
- Light plants
- Portable compressors
- Backhoes
- Skid steers
- Cranes
- Man lifts
- Generators
- Temporary facilities
- Semi trucks
- Dump truck



SITE SERVICES

Avoid unwanted costs, delays and premature equipment failures with Nalco FabTech's assistance.

START-UP, COMMISSIONING & OPERATOR TRAINING

Your equipment is set, the site is complete and now it's time to bring your project on line. To help ensure a smooth start for your new facility, FabTech offers start-up assistance and operator training on your new equipment.

As an equipment manufacturer, we understand the need for your equipment to function properly with minimal downtime. FabTech provides support for your equipment after start-up with replacement parts, repair services and preventative maintenance programs. FabTech has service techs on call for support outside of standard business hours.

EQUIPMENT & FACILITIES

Nalco FabTech has earned its reputation for rugged oil field solutions through the successful design, construction and implementation of purpose-built oil production and recovery equipment and facilities used throughout the world.

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Designing and engineering the right solution for our customers comes down to knowing the industry, the performance objectives of the project, and the most effective way to achieve that objective within the constraints of the field. Our equipment can't just work in the lab. It has to be able to operate successfully in the field. That's the commitment that FabTech brings to each job.

Founder & President
Larry Rubis



PORTABLE - MODULAR - SCALABLE

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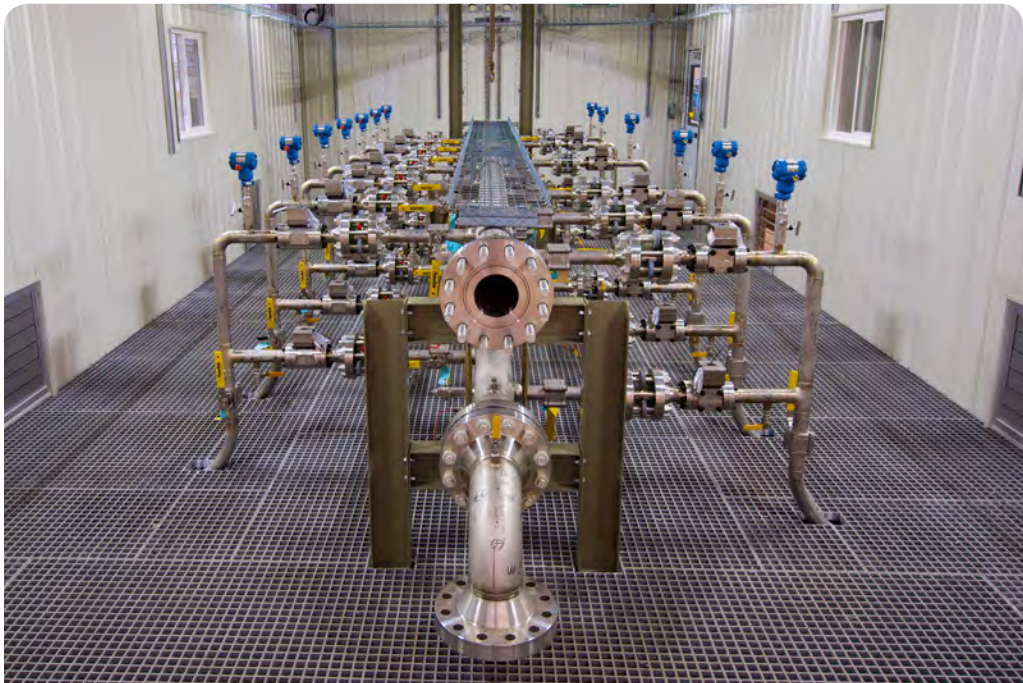
The modular nature of the Nalco FabTech design approach means that at the end of the job the producer doesn't have a liability that needs to be removed, but an asset that can be used on another location.

EOR PACKAGES



Nalco FabTech provides custom built Chemical EOR systems for ASP, SP and polymer injection. We can also provide portable pilot systems that can be converted to full field installations with multiple injection systems.

**CHEMICAL
EOR**



CO₂ EOR

Nalco FabTech provides CO₂ injection and production gathering systems designed for site specific requirements.



Nalco FabTech provides truck unload systems, tank batteries and containment, pump skids, and interconnecting piping all fabricated to the requirements of your field.

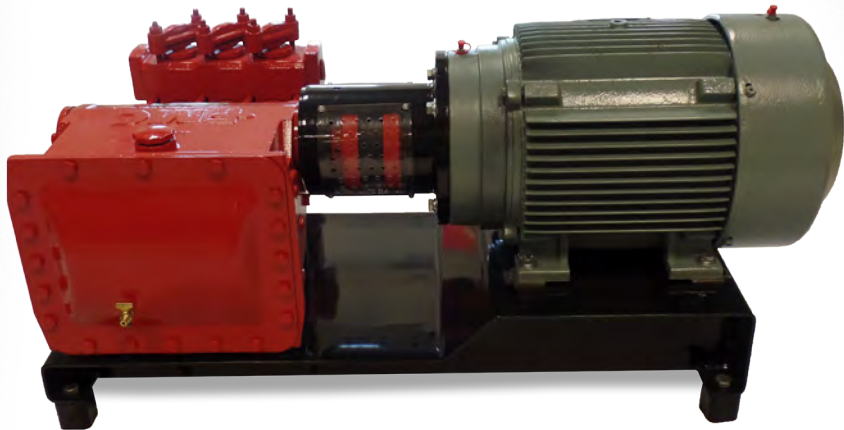
SWD INJECTION / DISPOSAL PACKAGES

GENERAL FABRICATION



Nalco FabTech provides industry standard sized LACT skids or custom designed skids for your application; Open or enclosed options available.

LACT



PUMP PACKAGES

Nalco FabTech offers a wide range of pumps and can provide the optimal pump based on your project's requirements.



Filtration packages ensure your equipment is protected. Nalco FabTech can provide and package the right filters and filtration media for your needs.

FILTRATION PACKAGES



PIPE FABRICATION

Nalco FabTech can provide process piping for any size project meeting ASME B31.1, B31.3, B31.4 and API 1104 or international standards.



Nalco FabTech holds ASME Code U, UM and National Board R Stamps for design and fabrication of new vessels as well as repairing old vessels. FabTech can also meet international standards when required.

ASME CODE VESSELS



MCC / ELECTRICAL CONTROL SKIDS

Nalco FabTech offers custom skids and buildings to enclose critical electrical panels. Air conditioning and heat can be added to maintain proper operating temperatures.



Nalco FabTech's custom offices and labs ensure your field personnel are protected from the elements and required testing processes can be performed in a controlled environment.

OFFICES / LABS



DOT FINAL VEHICLE MANUFACTURING

As an authorized final vehicle manufacturer, Nalco FabTech can provide custom truck beds for your application.

In addition to trailers and trucks, FabTech can also fabricate DOT tanks.



Nalco FabTech can provide custom trailer manufacturing specific to your needs.

DOT TRAILERS



PIPE RACKS

Nalco FabTech's prefabricated pipe racks, delivered to your site, speed up the erection process and provide a higher quality rack.



Nalco FabTech provides engineered red iron buildings for permanent facilities.

RED IRON BUILDINGS

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