



**The Strength
to Build.
The Wisdom
to Innovate.**



About

FabNex International FZC

FabNex International FZC is reputed and professionally managed engineering organization provides turnkey solution to Oil & Gas, Refinery and Petrochemicals, Power and Utilities, marine, food and beverages, pharmaceutical, water desalination, etc...

Design, Manufacturing, Inspection and testing, surface preparation, painting, supply and installation of Shell & Tube Heat Exchangers, Air cooled Heat Exchangers, Pressure Vessels, Process Equipments, Skid Packages, Boilers, Storage Tanks, Pig Launchers and pig receivers, Steel structures, Repairs and alterations of Pressure Vessels and Heat Exchangers, All types of Piping and structural, Retrofitting of engineering products including related accessories for Oil & Gas, Petrochemical, Power, Water, Marine and Food & Beverage Industries.



UAE-based experts in industrial fabrication, delivering meticulous precision engineering, robust maintenance support, and seamless project execution.



Vision

To lead the way in Engineering by combining unmatched strength in execution with forward-thinking innovation, creating solutions that not only meet today's needs but also shape a sustainable tomorrow.

Mission

To provide innovative, reliable and high-quality engineering solutions that empower our clients to succeed, while fostering a culture of excellence, collaboration, and continuous improvement.



Industry we serve



Oil and Gas

Refinery & Petrochemicals

Water & Desalination

Marine

Steel Industries

Power & Utilities

Pharmaceutical

Food Processing

Why FabNex?

01.

Our team is built from the ground up with seasoned professionals who understand the why behind the design, not just the how of the assembly. This means we can problem-solve with you, not just follow instructions.

02.

Operating from a modern, fully equipped facility in Sharjah, we deliver highly efficient, precision-driven results without the constraints of legacy systems.

03.

We stake our reputation on every project we deliver. Your success isn't a checkbox for us—it's a mandate. We take uncompromising ownership of each job, aiming to stand as your trusted partner, not a forgettable vendor.

04.

As a nimble and focused organization, we eliminate bureaucratic delays. You get direct access to decision-makers, enabling faster responses, quicker turnarounds, and agile problem-solving.



Products & Services



Pressure Vessels & Skid Packages



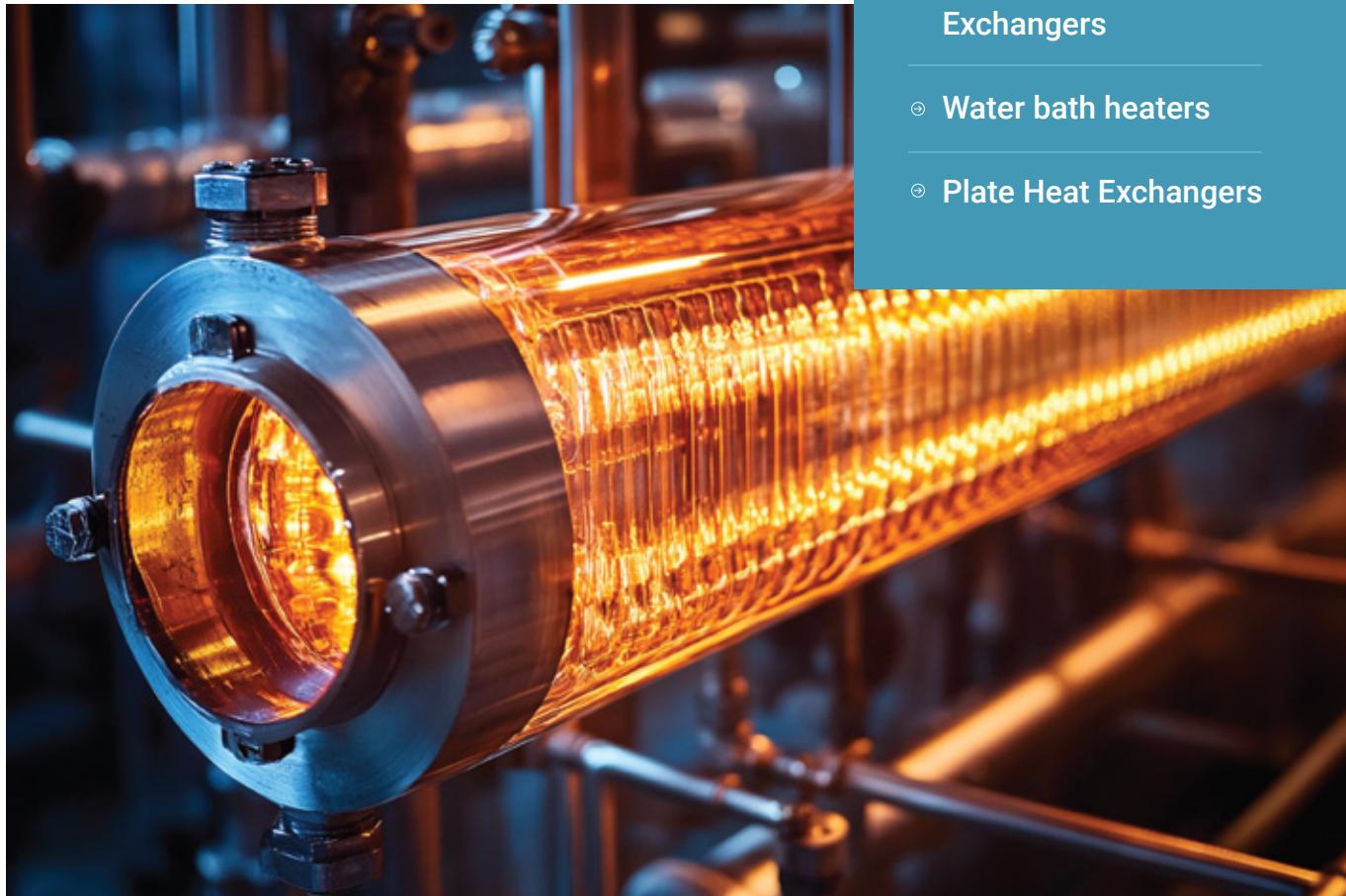
Our Pressure Vessel and Skid Package fabrication is built on a foundation of precision engineering and rigorous quality control. We specialize in designing and constructing robust, code-compliant equipment tailored to your specific process requirements. From individual custom vessels to complex, fully integrated skids, we deliver turnkey solutions that ensure optimal performance, safety, and reliability for your most critical operations in the oil, gas, and industrial sectors.

Types of Equipment:

- ⊕ Separators
(Scrubbers, Knockout Drums)
- ⊕ Storage Tanks & Reactors
- ⊕ Process Columns & Fractionators
- ⊕ Custom-Fabricated Skid Packages
- ⊕ Fired & Unfired Heaters
- ⊕ Pig Launchers & Receivers



Heat Exchangers, Manufacturing & Repair



FabNex possesses the expertise to engineer and fabricate premium-grade heat exchangers. Each unit is customized across a wide range of capacities and configurations to withstand the rigorous demands of industrial applications worldwide.

FabNex is fully equipped to execute comprehensive cleaning and refurbishment of heat exchangers. Our advanced repair and maintenance capabilities rapidly reinstate optimal performance and structural integrity, ensuring minimal operational interruption. From straightforward corrective work to intricate, custom-engineered rebuilds, we deliver excellence with unwavering precision.

Types of Equipment:

- ⊖ **Shell & Tube Heat Exchangers**
- ⊖ **Air Cooled Heat Exchangers**
- ⊖ **Water bath heaters**
- ⊖ **Plate Heat Exchangers**



Tanks & Silos

Whether storing liquids, gases, or dry bulk materials, FabNex provides secure, reliable containment solutions tailored to your operational needs. We engineer and fabricate custom tanks and silos designed for long-term durability, safeguarding your valuable materials throughout storage and process applications. Recognizing that no two operations are alike, each vessel is meticulously tailored to your specific capacity, material compatibility, and site requirements. Our high-integrity storage solutions resist contamination, withstand environmental stresses, and form a steadfast foundation for continuous, dependable operations.



Types of Equipment:

- ⊕ Cone-Bottom & Flat-Bottom Silos
- ⊕ Atmospheric Storage Tanks
- ⊕ Pressure Vessels for Storage
- ⊕ Mixing & Blending Tanks
- ⊕ Custom Bunker Silos
- ⊕ Water & Fuel Storage Tanks
- ⊕ Rectangular Storage Tanks
- ⊕ MBBR Tanks



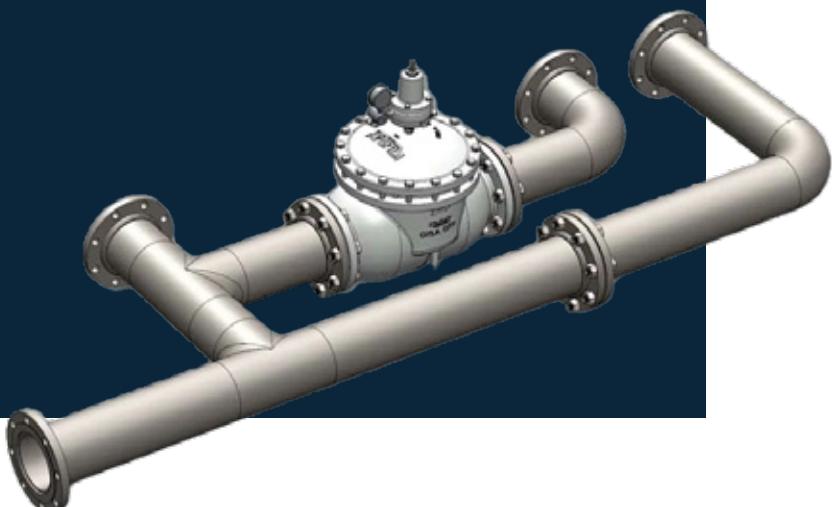
Piping Spool Fabrication

We remove uncertainty from your piping schedule by delivering spools built for seamless installation. We eliminate that risk by delivering precision-fabricated piping spools, ready for fast installation. Our workshop is set up for efficiency, handling everything from carbon steel to high-grade alloys. We cut, fabricate, and weld each spool to exact specifications, ensuring perfect alignment and integrity when they arrive on your site. This controlled, off-site approach guarantees higher quality, enhances safety, and dramatically accelerates your project timeline, getting your systems up and running faster.



Materials of Construction:

- ⊖ Carbon steel
- ⊖ Stainless Steel (SS 304/304L, SS 316/316L, SS 321 / 254, SMO, SS 347 etc..)
- ⊖ Duplex Stainless Steel
- ⊖ Super Duplex Stainless Steel
- ⊖ Inconel / Incoloy / Monel / Hastelloy
- ⊖ Titanium
- ⊖ Copper Nickel
- ⊖ AISI 4130 / 4140
- ⊖ Alloy Steel (Chrome-moly and Chrome alloys including P91)



Control Panels and Panel Enclosures

Control Panels

Our Control Panels are engineered to provide reliable and intelligent control for a wide range of industrial applications. Each panel is custom-designed using high-quality electrical and instrumentation components, ensuring seamless integration with plant operations and long-term performance. Whether the application involves PLC-based automation, relay logic, motor or pump control, emergency shutdown functions, or SCADA connectivity, our panels deliver precise monitoring, efficient process management, and enhanced safety.

Every Control Panel is built with meticulous attention to wiring, labeling, and cable management, making them easy to operate and maintain. The operator interfaces such as HMIs, indicators, and alarms are designed for clear visibility and quick decision-making, even in demanding environments. With comprehensive in-house fabrication and factory acceptance testing, we guarantee that each panel meets the required operational standards before it reaches the site.

We serve a wide range of industries including process facilities, oil & gas operations, manufacturing plants, and utilities where reliability is non-negotiable. With adaptable designs and project-specific configurations, our panels improve operational reliability and streamline performance.

Panel Enclosures

To safeguard these critical systems, we manufacture robust stainless-steel enclosures that provide dependable protection in both indoor and outdoor environments. These enclosures are available in SS304, SS316, and SS316L grades, ensuring excellent corrosion resistance even in harsh industrial or coastal conditions. Designed to comply with protection classes up to IP66, the enclosures effectively shield internal components from dust, moisture, and environmental exposure.

Each enclosure is fully customizable in terms of dimensions, layout, and accessories, allowing clients to achieve optimal space utilization and equipment arrangement. Features such as integrated cable gland plates, internal mounting frames, ventilation, insulation, and optional cooling or heating systems ensure that the enclosure performs reliably in the specific conditions of the site. Additional options including sunshades and weatherproofing enhancements make them ideal for oil & gas installations, water treatment facilities, manufacturing plants, and other demanding environments.

With high structural durability and clean workmanship, our enclosures extend the life of the equipment they protect and significantly reduce maintenance requirements. Their rugged construction ensures that even sensitive electronics and instrumentation remain safe, contributing to smoother operations, reduced downtime, and improved overall asset reliability.



Structural Fabrication

Products:

- ⊕ Structural Frames
- ⊕ Offshore and Onshore structures
- ⊕ Building Structures
- ⊕ Pipe Racks
- ⊕ DNV 2.7-1 & 2.7-3 Certified Skids
- ⊕ King Post and Burner Booms
- ⊕ Generator Houses
- ⊕ Boat Landing Structures



We build the strong, reliable skeletons that your industrial projects are built upon. Our structural fabrication service turns blueprints into the beams, frames, and platforms that support your heaviest equipment and most critical processes. We work with steel and alloys to create everything from simple support structures to complex multi-level modules. With a focus on precision welding and rigid quality control, we ensure every piece we fabricate offers the strength, durability, and perfect fit required for safe and long-lasting performance in any environment.



Boiler Maintenance & Manufacturing



Our team delivers specialized maintenance and precision repair services that safeguard peak efficiency, operational safety, and regulatory compliance—mitigating costly downtime before it ever materializes. When increased capacity is required, we engineer and construct formidable, custom-built boilers calibrated precisely to your steam or hot-water specifications. From urgent, time-critical interventions to the commissioning of a durable, high-performance system, we ensure uncompromising reliability at every stage.



Repair & Maintenance of Boilers

When your boiler is down, your entire operation grinds to a halt. We get it. That's why our emergency repair team is built for speed and precision, not just to fix the immediate problem, but to find its root cause. Our comprehensive maintenance goes beyond simple checks; we conduct thorough inspections, cleanings, and efficiency optimizations to prevent issues before they start. Partner with us for proactive care and rapid response, ensuring your boiler operates safely, efficiently, and reliably, keeping your business running without interruption.

Manufacturing of Boilers

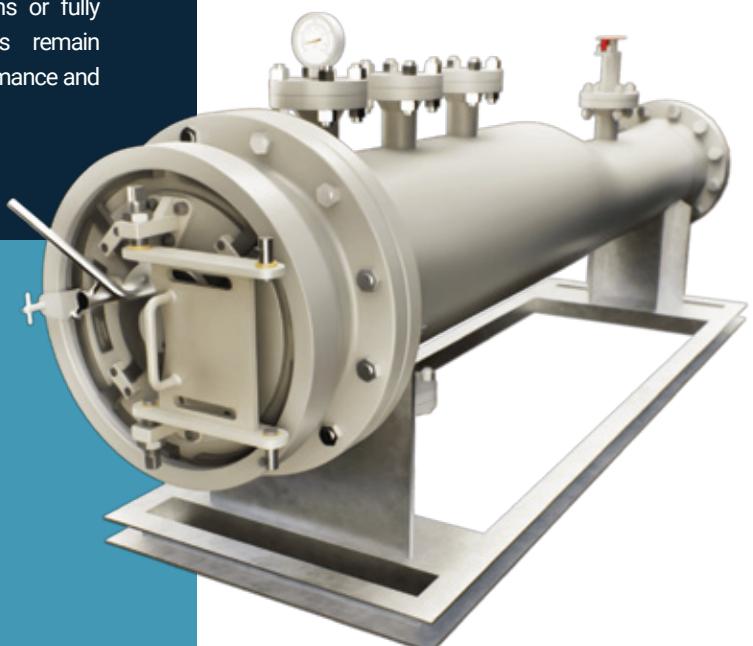
Our process begins with your specific operational requirements—whether for high-pressure steam or consistent hot water. We then design and fabricate a robust, custom solution using premium materials and advanced techniques. Every unit is meticulously crafted and rigorously tested to ensure it delivers maximum efficiency, full code compliance, and complete reliability. When you need a new boiler that is built to last, we provide the power to keep your business moving forward.



Pig Launcher / Receiver Manufacturing



FabNex designs and fabricates precision-engineered pig launchers and receivers, purpose-built to optimize pipeline cleaning, inspection, and maintenance operations. Each system is meticulously tailored to your pipeline's pressure, diameter, and operational specifications, employing premium-grade materials and advanced fabrication techniques. Our solutions combine uncompromising safety, enduring reliability, and operational efficiency, whether deploying standard configurations or fully bespoke systems. With FabNex, your pipelines remain impeccably maintained, ensuring uninterrupted performance and long-term integrity.



Materials of Construction

- ⊕ Carbon steel
- ⊕ Alloy steels
- ⊕ Stainless Steel



Off-site Activities



Project Division of FabNex International FZC is specialized in undertaking Site activities including shutdowns and maintenance services. With the aid of our excellent planning team, which controls the execution with appropriate schedules, accurate resources and contingency plans to ensure all the activities are within the schedule and budget. With a talented and well-managed workforce, we are confident in taking up any type of Off-site activities from our clients.

Re-tubing Of Shell and Tube Exchangers and Boilers.

Heat Exchangers are being used in the Oil and Gas industry often have corrosive and viscous fluids and gases flowing through its tubes. As heat exchanger's age, their performance declines overtime, due to fouling, erosion and corrosion, thus requiring periodic refurbishment and repair. An effective and cost efficient solution is re-tubing of the exchanger.

FabNex International FZC is specialized in re-tubing services and associated works with re-tubing such as Exchanger blinding, Tube bundle extraction, on-site/off-site re-tubing, bundle installation, testing and commissioning.

Blasting and Painting Capabilities



A superior finish is about more than just appearance; it's your first line of defense against corrosion and wear. Our comprehensive Blasting and painting capabilities ensure your fabricated equipment and structures achieve maximum longevity, even in the harshest industrial environments. We begin with thorough surface preparation using abrasive blasting to achieve the perfect profile. This is followed by the precise application of high-performance industrial coatings, tailored to your specific service conditions. This rigorous process guarantees a finish that not only looks professional but actively protects your investment for years to come.

Surface Preparation Services:

- ⊕ Abrasive Blasting
- ⊕ Shot Blasting
- ⊕ Surface Cleaning & Degreasing
- ⊕ Power Tool Cleaning & Preparation
- ⊕ Glass bead Blasting

Coating & Painting Services:

- ⊕ Application of Industrial Primers & Paints
- ⊕ Fire-Retardant & Intumescent Coatings
- ⊕ Anti-Corrosion & Chemical-Resistant Coatings
- ⊕ Specialist Internal Application (e.g., Tank Linings)





www.fabnexintl.com

Plot No.: MB 164, PO Box No.: 42883
Hamriyah Free Zone, Phase-2, Sharjah, UAE
Email - info@fabnexintl.com
Phone - +971 6 748 4465