



OIL & GAS TRADING DIVISION

www.alafzayn.com

ABOUT US

With over **17 years** of industry expertise, **Al Afzayn** Trading and Services is a leading player in the oil and gas trading sector, specializing in both onshore and offshore projects. Our long-standing presence in the market and commitment to excellence have enabled us to establish a strong reputation for delivering reliable, efficient, and high-quality solutions across the globe.

Throughout our years of operation, we have executed major projects that span the full spectrum of the oil and gas industry, from exploration and production to refining and distribution. Our team's extensive experience allows us to navigate the complexities of the energy sector, providing value-driven services to our clients while maintaining a focus on safety, sustainability, and operational efficiency.

Our approach is centered on building long-term partnerships, understanding the specific needs of our clients, and delivering customized solutions that exceed expectations. By leveraging our deep industry knowledge and a robust network of suppliers, we offer strategic trading capabilities that help our clients succeed in a highly competitive and ever-evolving market.

At Al Afzayn Trading and Services, we pride ourselves on being a trusted partner for oil and gas stakeholders around the world, and we are dedicated to driving innovation, securing supply chains, and contributing to the continued growth and sustainability of the energy sector.



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PRODUCTS

CHECK VALVES

Al Afzayn has vast expertise in trading Piston, Swing, Tilting Disc, and Non-Slam Check Valves, designed for applications in the hydrocarbon, energy, and process industries

Size: ½" up to 56" (DN 15 up to DN 1400)

Pressure Rating: ASME 150# to 2500#

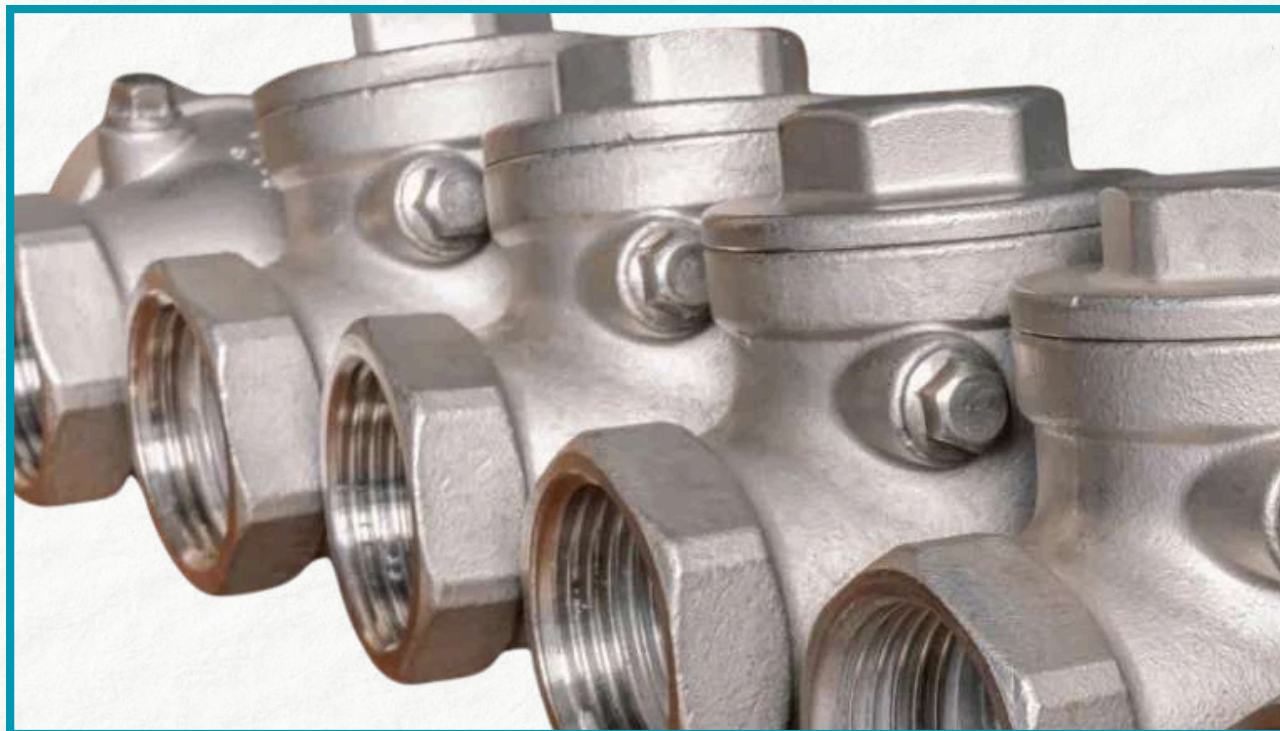
Materials: Carbon Steels, Low Temperature Carbon Steel, Martensitic Steels, Austenitic Stainless Steel, Duplex Stainless Steels, Super Duplex Stainless Steels, Nickel Alloys, Nickel Aluminum Bronze, Hastelloy, Inconel, Titanium Alloy & Carbon Steel with Internal Corrosion Resistant Alloy (CRA) Overlay

Design Standard: API 602, API 6D, MESC SPE 77 / 132, BS 1868, DIN 3356, ISO15761

Pressure / Temperature Rating: ASME B 16.34

Test (Inspection) Standard: API 598, API 6D, MESC 77/132, ISO 5208, ISO15848-1&2, Bs6364

Construction Details: Bolted Cover / Pressure Seal Bonnet, Lift Check Type, Swing Check, Piston Check, Tilting Disc, Non – Slam Check



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SAFETY & PRESSURE RELIEF VALVES

Safety and Pressure Relief Valves are critical components used in oil & gas, power generation, chemical, petrochemical, and process industries to protect equipment and pipelines from overpressure conditions.

Size: ½" up to 24" (DN 15 up to DN 600)

Pressure Rating: ASME B16.34

Materials: Carbon Steel, Stainless Steel (SS 316, SS 304), Alloy Steel, Duplex Stainless Steel, Super Duplex Stainless Steel, Monel, Inconel, Hastelloy, Bronze

Design Standard: ASME Section VIII, API 520, API 526, API 527, ISO 4126, EN 12516

Pressure / Temperature Rating: ASME B 16.34

Test (Inspection) Standard: API 527, ISO 4126-1, ASME PTC 25, EN 12266, API 576

Cryogenic Service

Safety & Pressure Relief Valves can be customized for cryogenic applications with special materials and extended bonnets to withstand temperatures down to -196°C. Cryogenic testing ensures proper sealing, minimal torque, and compliance with stringent safety standards.



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INSTRUMENTATION VALVES

Instrumentation Valves are widely used in oil & gas, petrochemical, power generation, chemical processing, and other industrial applications where precise flow control and measurement are required.

Size: ¼" up to 2" (DN 6 up to DN 50)

Pressure Rating: ASME 150# to 10,000 psi

Materials: Stainless Steel (SS 316, SS 304), Carbon Steel, Alloy Steel, Duplex Stainless Steel, Super Duplex Stainless Steel, Monel, Inconel, Hastelloy, Titanium

Design Standard: API 602, ASME B16.34, MSS-SP-99, MSS-SP-105, ISO 15848

Pressure / Temperature Rating: ASME B16.34

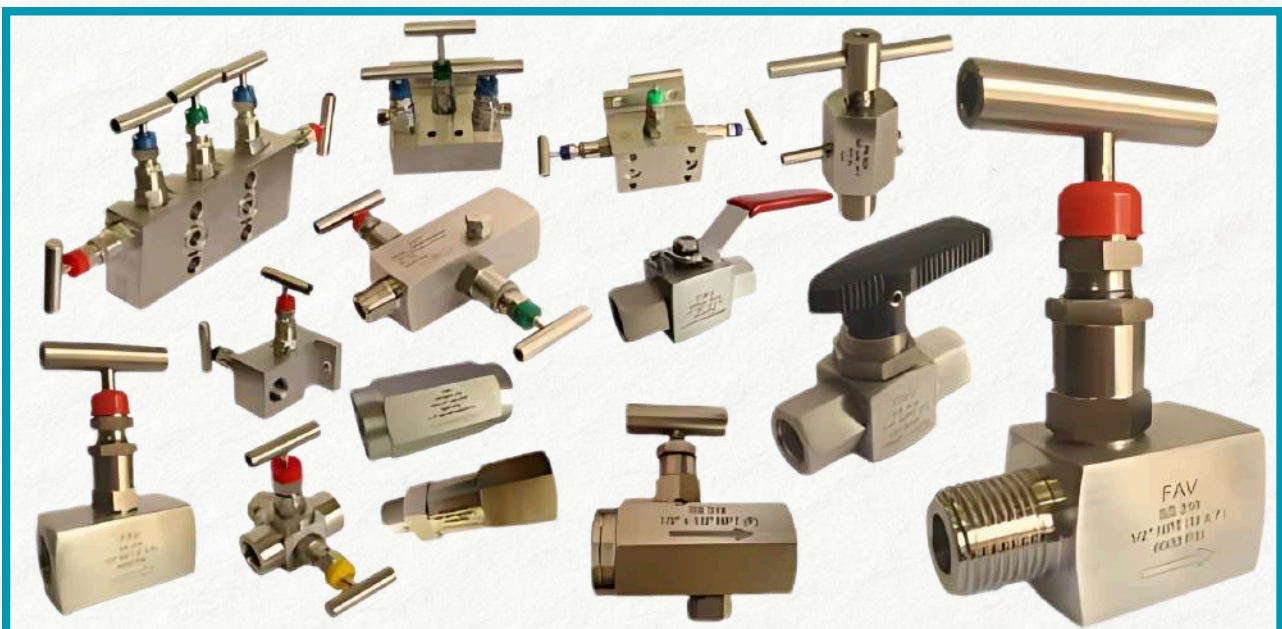
Test (Inspection) Standard: API 598, ISO 5208, MSS-SP-61, ISO 15848-1 & 2, BS 6755

Construction Details:

Bonnet Type: Integral Bonnet, Screwed Bonnet, Bolted Bonnet

Stem Type: Rising Stem, Non-Rising Stem

Sealing Mechanism: Soft Seat, Metal-to-Metal Seat



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BUTTERFLY VALVES

Al Afzayn has extensive experience in trading Butterfly valves for the hydrocarbon, energy and process industries.

Size: 2" up to 88" (DN 50 up to DN 2200)

Pressure Rating: ASME 150# to 900#

Materials: Carbon Steels, Low Temperature Carbon Steel, Martensitic Steels, Austenitic Stainless Steel, Duplex Stainless Steels, Super Duplex Stainless Steels, Nickel Alloys, Nickel Aluminum Bronze, Hastelloy, Inconel, Titanium Alloy & Carbon Steel with Internal Corrosion Resistant Alloy (CRA) Overlay

Design Standard: API 609 MESC SPE 77 / 134, BS 5353 BSEN593, ANSI AWWA C504-94

Pressure / Temperature Rating: ASME B 16.34

Test (Inspection) Standard: API 598, API 6D, MESC 77/134, ISO 5208

Operation: Lever, Gear, Actuator (Pneumatic, Hydraulic, Electro-Hydraulic and Electric Motorised)

Butterfly Valves are available in four different types' versions :

Double Offset

Triple Offset

Centre Disc

Extended Stem



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BALL VALVES

Al Afzayn Valves has extensive experience in trading Trunnion Mounted, Side & Top Entry Ball Valves, both Soft and Metal Seated.

Size: 2" up to 56" (DN 50 up to DN 1400)

Pressure Rating: ASME 150# to 2500#, API 3000PSI to 20000PSI

Materials: Carbon Steels, Low Temperature Carbon Steel, Martensitic Steels, Austenitic Stainless Steel, Duplex Stainless Steels, Super Duplex Stainless Steels, Nickel

Alloys, Nickel Aluminum Bronze, Hastelloy, Inconel, Titanium Alloy & Carbon Steel with Internal Corrosion Resistant Alloy (CRA) Overlay

Design Standard: API 6D, API 608, MESC SPE 77 / 130 API6DSS, MESC SPE 77/210

Pressure / Temperature Rating: ASME B 16.34

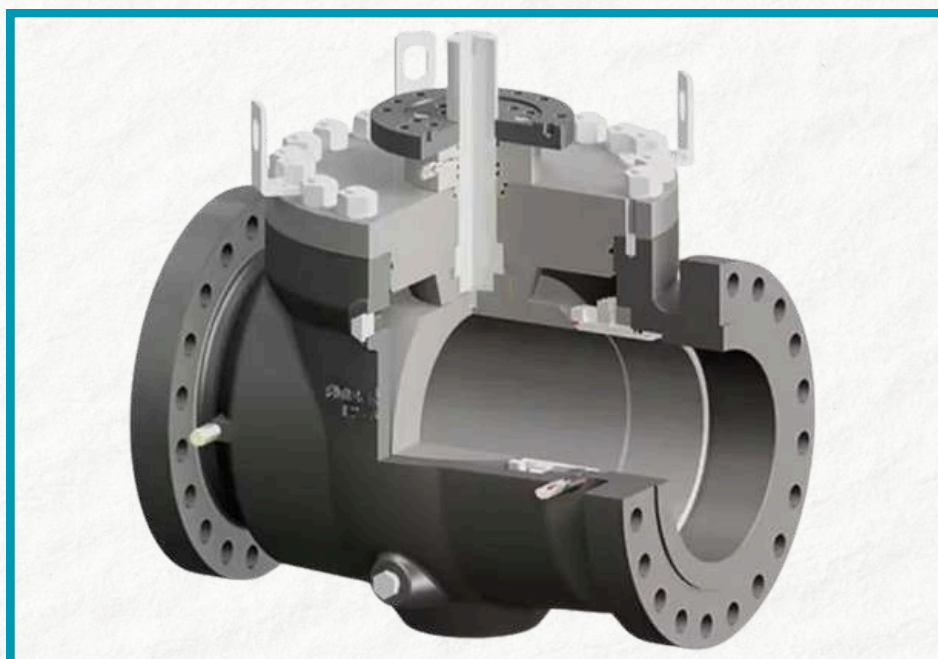
Test (Inspection) Standard: API6DSS, API 598, API 6D, ISO 5208, MESC SPE 77/132, 77 / 300, 77/312, 77/200, 77/210, API 6FA, ISO 10497, API607, ISO 15848-1&2, BS

6364

Construction Details: Single / Two / Three Piece Design / Side Entry / Trunnion / Block & Bleed / Soft and Metal Seated

End Connection: Screwed, Socket Weld, Flanged, Hub End, Butt-Weld

Operator / Actuator: Lever, Gear, Actuator (Pneumatic, Hydraulic, Electro-Hydraulic and Electric Motorised)



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GLOBE VALVES

Globe Valves are extensively used through-out the hydrocarbon, energy and process & the power industries.

Size: ½" up to 24" (DN 15 up to DN 600)

Pressure Rating: ASME 150# to 2500#

Materials: Carbon Steels, Low Temperature Carbon Steel, Martensitic Steels, Austenitic Stainless Steel, Duplex Stainless Steels, Super Duplex Stainless Steels, Nickel Alloys, Nickel Aluminum Bronze, Hastelloy, Inconel, Titanium Alloy & Carbon Steel with Internal Corrosion Resistant Alloy (CRA) Overlay

Design Standard: API 602, MESC SPE 77 / 103, BS 1873 DIN 3356

Pressure / Temperature Rating: ASME B 16.34

Test (Inspection) Standard: API 598, API 6D, MESC 77/103, ISO 5208, ISO15848 -1&2, BS 6364

Construction Details: Bolted Bonnet / Pressure Seal Bonnet, OS & Y Type Rising Stem

End Connection: Screwed, Socket Weld, Flanged, Hub End, Butt-Weld

Operator / Actuator: Lever, Gear, Actuator (Pneumatic, Hydraulic, Electro-Hydraulic and Electric Motorised)

Globe Valves are available in three different types:

- Bolted Bonnet
- Pressure seal
- Bellows Seal



GATE VALVES

Gate Valves are used extensively throughout the hydrocarbon, energy and process industries.

Size: 2" up to 88" (DN 50 up to DN 2200)

Pressure Rating: ASME 150# to 2500#

Materials: Carbon Steels, Low Temperature Carbon Steel, Martensitic Steels, Austenitic Stainless Steel, Duplex Stainless Steels, Super Duplex Stainless Steels, Nickel Alloys, Nickel Aluminum Bronze, Hastelloy, Inconel, Titanium Alloy & Carbon Steel with Internal Corrosion Resistant Alloy (CRA) Overlay

Design Standard: API 602, API 600, MESC SPE 77 / 101, MESC SPE 77 / 102, ASME B16.34

Pressure / Temperature Rating: ASME B 16.34

Test (Inspection) Standard: API 598, API 6D, MESC SPE 77/101, 77/ 102, ISO 5208, API6FA, ISO 10497, ISO 15848 – 1&2, Bs6364

Construction Details: Bolted Bonnet / Pressure Seal Bonnet, OS & Y Type Rising Stem

End Connection: Screwed, Socket Weld, Flanged, Hub End, Butt-Weld
Operator / Actuator: Lever, Gear, Actuator (Pneumatic, Hydraulic, Electro-Hydraulic and Electric Motorised)



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SPECIAL MODIFIED VALVES

Special Modified Valves are engineered to meet customized industrial requirements in oil & gas, petrochemical, power generation, chemical, marine, aerospace, and specialized process industries where standard valves do not suffice. These valves are designed with enhanced features for high pressure, high temperature, corrosive environments, cryogenic conditions, and specialized applications.

Size: ½" up to 88" (DN 15 up to DN 2200)

Pressure Rating: ASME 150# to 4500#

Materials: Carbon Steel, Low Temperature Carbon Steel, Stainless Steel (SS 316, SS 304), Duplex Stainless Steel, Super Duplex Stainless Steel, Monel, Inconel, Hastelloy, Titanium, Nickel Alloys, Nickel Aluminum Bronze, Tantalum, Zirconium, Carbon Steel with Internal Corrosion Resistant Alloy (CRA) Overlay

Design Standard: API 600, API 602, API 6D, API 6A, ASME B16.34, MSS-SP, ISO, NACE MR0175

Pressure / Temperature Rating: ASME B16.34

Test (Inspection) Standard: API 598, API 6D, API 6A, ISO 5208, ISO 15848, BS 6364, MESC SPE 77/101, MESC SPE 77/102

Construction Details:

Bonnet Type: Bolted Bonnet, Pressure Seal Bonnet, Welded Bonnet, Extended Bonnet (for Cryogenic Service)



S.S & C.S Pipe Fittings

Are you looking for the most reliable pipe fittings suppliers? Do you need professional and cost-effective solutions that meet your project requirements? Searching for high-quality pipe fittings delivered on time without compromise?

You've come to the right place! Al Afzayn trading & services is a trusted and experienced supplier, providing top-tier pipe fittings to clients across the GCC.

What sets us apart in the industry is our unwavering commitment to delivering superior-quality pipe fittings that align with our clients' expectations while staying within budget. We understand the importance of precision and reliability, ensuring that every fitting meets the highest industry standards.

No matter the type of steel fittings you require in the GCC, we have the perfect solution for you.



Flanges

Flanges are typically circular in shape and feature an edge or rim that enhances the strength of the structure where they are installed. They are easy to attach and serve as both connectors and seals between two parts. Commonly used in large-scale piping systems, flanges are essential for connecting pipes, pumps, valves, and more. Additionally, they play a crucial role in maintaining stability in machinery that may experience dislocation due to significant shocks, vibrations, or pressure.



- **Threaded Flanges:** Also known as Screwed Flanges, these flanges connect to a system without the need for welding, making them quite convenient to use.
- **Blind Flanges:** Secured with bolts and backing rings, these flanges seal off sections of a piping system that are no longer in operation.
- **Slip-on Flanges:** Serving a similar purpose to threaded flanges, these flanges do not include a threaded bore.
- **Lap Joint Flanges:** These are attached externally to a pipeline system, allowing for easier disassembly when inspections or repairs are needed.
- **Socket Welded Flanges:** Designed for environments that require high strength and leak-proof integrity, these flanges can withstand elevated temperatures and pressures, and are commonly used in standard-sized piping systems.



Branded Steel Pipes

Al Afzayn is a renowned pipe supplier, proudly partnering with international brands like Tubos, Mittal, Interpipe, and Tubacex to provide high-quality stainless steel and carbon steel pipes to our diverse clientele across the Middle East.

With years of experience in delivering top-tier products for the manufacturing industry, the brands we collaborate with have developed their pipes through extensive research and continuous refinement. Whatever your needs may be, Al Afzayn is committed to offering you a comprehensive solution.

- We are mainly focused on ensuring that our clients are able to select from options that are best suited for their construction or manufacturing needs.
- We provide Quality Assurance, and Testing and Inspections.
- We offer customized processing and packaging, as well as specialized deliveries to our clients. We are constantly updating our inventories, and expediting our documentation process for an easier and secure form of transaction between you and us.



Branded Gaskets

Al Afzayn is recognized in the constructional industry for its dedication to provide quality equipment to its clients. Working with suppliers that provide top notch constructional equipment and tools that are long lasting and internationally certified. Amongst the items that Al Afzayn distributes, they also have a range of industrial gaskets that you can select from



Benefits of Our Gaskets:

- The flange load: these gaskets are able to withstand a high load of pressure, which creates a tight-fitting seal with anti-leakage.
- Temperature bearing: teams of qualified engineers have tested the products to ensure that the materials used can withstand high degrees of heat.
- Fluids: Due to most substances that pass through the pipeline being chemical compounds, this can lead to the lines being easily weakened or corrosive over time, the gaskets we provide offer a security to our clients as they are tested for long term use and wear.



Fasteners

Al Afzayn is one of the leading fastener suppliers, offering a wide range of SAE, ASTM, and ISO grade commercial, specialty, and exotic alloy standard and metric fasteners. Our fasteners, including screws, nuts, bolts, and more, are primarily supplied to upstream OEMs in the oil and gas industry, as well as to the hydrocarbon processing and power generation sectors.



PETROCHEMICAL BOLTING

Stud Bolts	Engineered Studs	Studding
Hex Bolts	Hex Setscrews	Hex Bolt Blanks
Socket Head Capscrews	Socket Cap Blanks	Nuts

POWER BOLTING

Hex Bolts	Socket Screws	Engineered Studs
Hex Nuts	12 pt Bolts/Nuts	Wire Locking Inserts
Lock Nuts		



SERVICES

» VALUE ADDED SERVICES

Al Afzayn boasts a fully equipped in-house machining shop capable of meeting the most demanding specifications, regardless of product type. A dedicated team of experts manages these value-added services, ensuring timely delivery and precise adherence to customer requirements. We consistently monitor quality and performance, upholding the highest international standards.

These value-added services include:

- ➔ Machining
- ➔ Color Coding
- ➔ Material Tagging
- ➔ Material Identification Engraving
- ➔ Customized Packaging
- ➔ Outsourced services such as Galvanizing , Fusion-Bonded Epoxy Coating, Polyethylene Coating, Cement Lining and Material Testing
- ➔ Valve Automation and Retrofitting
- ➔ Valve Hydro Testing



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» VALVE AUTOMATION SERVICES

With 17 years of experience in meeting customer needs, Al Afzayn excels in offering innovative value-added services. Our Valve Automation Center has been delivering advanced automation solutions, and we remain committed to continuously enhancing our services and products using the latest cutting-edge technology.

Our Machining Division and Valve Division are ISO 9001:2015 certified for Machining, Valve Assembly, Automation, and Pressure Testing services. Equipped with a fully integrated Valve Automation and machining shop, Al Afzayn is capable of meeting the most demanding specifications, regardless of the product type. A team of dedicated experts manages these value-added services, ensuring timely delivery and precise adherence to customer requirements while consistently maintaining the highest international standards for quality and performance. Contact us for more information.



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INDUSTRIES SERVED

Al Afzayn is a leading valve supplier in Qatar, serving a diverse range of industries, including Petroleum, Mining, Construction, and Processing. We offer the industry's most comprehensive product line, all available from a single source. As stockists and distributors, we provide a wide variety of valves, including Gate, Globe, Check, Ball, Butterfly, Needle, and Plug Valves, each fully designed and engineered to meet the specific needs of our global clientele.

At Al Afzayn, we go beyond distribution. Our team of experienced field service technicians is ready to assist with project start-ups, warranty support, repairs, and refurbishments. We strive to enhance our customers' productivity, efficiency, and safety.

Our core services include customer training and education, system assembly, engineering support, energy evaluations, project management, and implementation. By truly understanding our customers' needs, we collaborate closely with them to address critical business challenges, consistently delivering high-quality and reliable solutions.



CLIENTS



Qatar Energy



Qatar Energy LNG



Qchem



QAFCO



QAPCO



Dolphin Energy





QEWC



Ashghal



Galfar



Medgulf



Qcon



Al Balagh



Roots Energy



Qatar Airways



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www.alafzayn.com



+974 50033428



Sales@alafzayn.com