



JAAZL INDUSTRIAL Company

Your Ideal Industrial
Solutions Partner



2025 Edition



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CEO's Message

"At JAAZL Industrial Company, we are committed to transforming Saudi Arabia's industrial landscape through innovative solutions, advanced technologies, and sustainable practices that align with Vision 2030."

Eng Ahmad Alkhlaif
CEO JAAZL Industrial
Company

Since our establishment in 2021, JAAZL has emerged as a trusted partner for industrial excellence across Saudi Arabia. Our journey began with a clear vision: to provide world-class industrial solutions that support the Kingdom's economic diversification and sustainability goals.

Vision

To lead in integrated industrial solutions through innovation, expertise, and commitment to sustainable excellence.

Mission

Transforming industry through innovative engineering, expert consulting, and tech for safe, efficient, sustainable operations.

About JAAZL Industrial Company

Established 2021 | Al Jubail, Saudi Arabia

Company Overview

- **Founded:** 2021
- **Location:** Jubail Industrial Area 1, Saudi Arabia
- **Specialisation:** Industrial Solutions for Oil & Gas, Petrochemical, Refineries, Mining, Municipal, Fertilizers and F&B sectors
- **Approach:** End-to-end solutions from concept to commissioning

25+

Years of Experience

45+

Projects Completed

Industries We Serve

Comprehensive Industrial Coverage Across Saudi Arabia



Oil & Gas Sector

- Upstream: Well drilling chemicals, enhanced oil recovery
- Midstream: Pipeline treatment, storage solutions
- Downstream: Fuel Additives, Water, waste water, Process Refinery chemicals, Environmental Solutions



Petrochemical Industry

- Process Optimization: Catalysts, heat transfer
- Product Quality: Specialty additives, control systems
- Environmental: Emission control, water and waste treatment



Refineries

- Process Enhancement: Crude oil processing chemicals
- Equipment Protection: Corrosion inhibitors
- Maintenance: Reliability enhancement



Fertilizers

- Production: Anticaking agents, granulation aids, micronutrient binders
- Processing: Defoamers, anti-dusting agents, scale inhibitors
- Enhancement: Neem oil, pH modifiers, specialty additives



Mining Industry

- Extraction: Mining chemicals, water management
- Processing: Ore processing, separation technologies
- Environmental: Tailings management



Power Generation

- Plant Operations: Cooling & Boiler water treatment
- Environmental: Emission control
- Efficiency: Performance enhancement



Municipal Sector

- Water Treatment: Potable water, wastewater
- Infrastructure: Public facility solutions
- Environmental: Maintenance chemicals



Food & Beverages

- Processing: Water treatment, CIP chemicals, food-grade fluids
- Quality: Sanitation solutions, microbiological control
- Operations: Heat exchanger optimization, water & wastewater treatment

Solutions & Services Overview

Integrated Industrial Solutions Portfolio

JAAZL provides comprehensive solutions across six main service categories, each designed to deliver maximum value and operational excellence.

CHEMICALS DIVISION

- Specialty Chemicals: Water treatment, performance additives
- Bulk Chemicals: Acids, alkalis, solvents, and commodity
- Local Manufacturing: Blending, custom development
- Waste Management: Recovery, waste-to-value solutions.
- Off-spec & by-products: Offtake of Hydrocarbon based products

ENVIRONMENTAL SOLUTIONS

- Water Treatment: RO, STP, ETP, MLD, ZLD
- Wastewater Management: Municipal, industrial, MLD, ZLD
- Advanced Technologies: Membrane, biological systems
- Environmental Services: Impact assessment, compliance

CONSULTING & AI SOLUTIONS

- Technical Consulting: Process engineering, safety, FEED, Digital Twins
- Digital Transformation: AI, machine learning, analytics
- Sustainability Services: Net Zero, Decarbonization strategies, ESG
- Data Analytics: Performance monitoring, intelligence
- STM Solutions

MATERIAL SUPPLIES

- API & Aramco Approved: Valves, fittings, pipes, components
- Inventory Management: Stock, JIT delivery, emergency supply
- Quality Assurance: Certified materials, testing, traceability
- Global Sourcing: International suppliers, competitive pricing
- Partners for range of products most of them available in stock

TECHNOLOGIES SOLUTIONS

- Artificial Intelligence: Automation, optimization, decision-making
- Internet of Things: Connected devices, real-time monitoring
- E-Commerce: Complete range of products for Invoicing and Inventory etc.
- Process Automation: Software robots, task automation

ELECTROMECHANICAL SERVICES

- Engineering Services: Design, project management
- Construction & Installation: MEI systems, commissioning
- Maintenance & Support: Preventive, emergency repairs
- Specialized Services: Shutdowns, turnarounds



Your Partner For Industrial Solutions



Specialty & Bulk Chemicals

Comprehensive Chemical Solutions for Industrial Excellence

Industrial Chemical Solutions (Chemical Division)

Drilling & Production Chemicals

- Drilling Oil & Mud Systems
 - Cementing & Completion Fluids
 - Fracturing Chemicals
 - H₂S Scavenger
 - Process Chemicals
 - Corrosion & Scale Inhibitors
- Capability Range

Water & Process Treatment Systems

- Cooling /Boiler/Waste Water Treatment
- RO & Membrane Treatment
- Process Specialty Chemicals
- Fuel Additives for Refineries
- Petrochemical Plant Additives
- Recovery Rate: Up to 85%

Mining & Fertilizer Chemicals

Flotation & Extraction

- Collectors & Frothers
 - Depressants & Activators
 - Dewatering/Filter Aids
 - Metal Recovery Systems
- Applications: All mineral processing

Fertilizer Production

- Phosphoric Acid Additives
 - Anticaking Agents
 - Granulation Aids
 - Micronutrient Binders
- Capacity Range: Up to 50,000 TPD

Bulk & Commodity Chemicals - Complete Range of Products

Alkalis & Acids

- Caustic Soda (50%)
- Hydrochloric Acid
- Sulfuric Acid
- Potassium Hydroxide
- Industrial & Food Grade

Solvents & Intermediates

- MDEA & TEA
- Wash Oils - All Grades
- Glycols (MEG, DEG)
- Aromatic Solvents
- High Purity Grades

Specialty Additives

- Plasticizers (DOP, DBP)
- Antioxidants & Stabilizers
- Defoamers & Dispersants
- Flame Retardants
- Custom Formulations

LOCAL MANUFACTURING AND BLENDING

Water & Wastewater Treatment

Comprehensive Water Solutions for Industrial Excellence

Industrial Water Treatment & Environmental Solutions

Waste Water Treatment

- MBR, MBBR, CGI, MLD & ZLD
- Chemical dosing systems
- pH adjustment and stabilization
- Spent Caustic Treatment

Capacity Range: 10 m³/hr to 5,000 m³/hr

Applications: All industrial water supplies

Reverse Osmosis Systems (Desalination)

- High-pressure membrane systems
- Energy recovery devices
- Antiscalant dosing systems
- CIP (Clean-in-Place) systems
- Patented Technologies

Recovery Rate: Up to 98%

Product Water Quality: <5 -10 ppm TDS or as required

Ion Exchange Systems

- Mixed bed systems
- Separate bed systems
- Continuous electrodeionization (CEDI)
- Regeneration systems

Product Quality: For Boiler Feed

Raw Water Treatment (Sea Water)

- Multi-media filtration systems
- Clarification and sedimentation
- Chemical dosing systems
- pH adjustment and stabilization

Applications: All industrial water supplies

Complete Treatment with Services

Cooling Water Treatment

- Open recirculating systems
- Closed loop systems
- Once-through systems
- Makeup water treatment
- Fire Water System

Boiler Water Treatment

- Feed water treatment
- Condensate polishing
- Chemical dosing systems
- Blowdown optimization

Process Chemicals & Fuel Additives

- Refinery Process Chemicals like CI, Demulsifier, Antifoulants etc.
- Fuel Additives Complete range

Technical Consultancy & AI

Advanced Engineering Solutions for Operational Excellence

Sustainability & Energy Management

Net Zero & Decarbonization

- Carbon Footprint Assessment
- Net Zero Strategy Development
- Renewable Energy Integration
- ESG Compliance

Energy Optimization

- Heat Integration Studies
- Process Integration
- Waste Heat Recovery
- Energy Management Systems



Applied AI & Digital Solutions

AI Solutions

- Predictive Maintenance AI
 - Process Optimization ML
 - Anomaly Detection Systems
 - Performance Forecasting
- Applications: All process industries

Solution Features

- Actionable AI Insights
 - Smart Dashboards
 - Real-time Analytics
 - Hybrid AI Models
- Capacity Range: Enterprise-wide

Safety & Reliability Engineering

Process Safety

- HAZOP Studies
- Risk Assessment
- Safety Systems
- Emergency Planning
- Regulatory Compliance

Reliability Engineering

- RCM Implementation
- Asset Management
- Maintenance Optimization
- Equipment Selection
- Predictive Strategies

Process Engineering

- Basic Engineering/FEED
- Detail Engineering
- Debottlenecking
- Process Design Package (PDP)
- Process Scale Up



Software Solutions

Tailored Software & Technology Services for Modern Enterprises

Core Technology & Interactive Solutions

AI & Cyber Security

- Artificial Intelligence
 - Cyber Security Solutions
 - Blockchain Technology
 - Custom Chatbot Development
- Applications: All industrial processes

Interactive Experiences

- Virtual & Augmented Reality
 - Unity Development
 - 360° Walkthroughs & Photography
 - Immersive Hologram Solutions
- Capability Range: Plant-wide systems

Custom Web & Mobile Solutions

Web Development

- Ruby-on-Rail Development
- Laravel & PHP Development
- WordPress Development
- Custom CMS Development

Mobile App Development

- iOS & Android Development
- Hybrid App Development
- React Native Development
- Ionic & Xamarin Development

Advanced Technology Solutions

E-Commerce

- Magento Development
- WooCommerce Development
- Mobile Commerce
- Custom E-Commerce Websites

Management Softwares

- ERP Software
- CRM Software
- Hospital Management Systems
- Property Management Software

Architectural & 3D Design

- Architectural Renderings
- Building Information Modelling
- 3D Architectural Flyby
- 3D Printing & Visualization

Material Supplies

API & Aramco Approved Materials for Industrial Applications

Complete Range of Products

Pipes & Fittings

- Carbon Steel Pipes
 - Stainless Steel Pipes
 - Pipe Fittings - All Types
 - Flanges & Gaskets
- Capacity Range: Up to 60" diameter

Valves & Actuators

- Gate & Globe Valves
 - Ball & Butterfly Valves
 - Control Valves
 - Safety Relief Valves
- Capacity Range: Up to 3000 psi



Raw Materials & Metals

Industrial Metals

- Calcined Petroleum Coke
 - Silicon Metal - All Grades
 - Magnesium Ingots
 - Titanium Coils & Sponge
- Applications: Aluminum & steel production

Specialty Materials

- Molecular Sieve
 - ZnO Catalyst
 - Activated Carbon
 - Refractory Materials
- Quality: Industrial & technical grade

Storage & Infrastructure Solutions

Water Storage Tanks

- GLS Water Tanks
 - FM Approved Tanks
 - Zinc Aluminum Tanks
 - Firefighting Tanks
- Capacity: 50 to 50,000 m³

Electrical Components

- Motors & Drives
 - Transformers
 - Control Panels
 - Instrumentation
- Standards: IEC, IEEE

Maintenance Supplies

- Lubricants & Oils
 - Seals & O-rings
 - Bearings & Couplings
 - Safety Equipment
- Just-in-time Delivery



Electromechanical Services

Complete Engineering Solutions for Industrial Infrastructure

Mechanical Engineering Services

Rotating Equipment Services

- Pump Installation & Maintenance
 - Compressor Overhaul
 - Motor Repair & Rewinding
 - Vibration Analysis
- Capability Range: Up to 50 MW units

Static Equipment Services

- Heat Exchanger Maintenance
- Pressure Vessel Inspection
- Tank Cleaning & Repair
- Piping Installation
- Temperature: Up to 600°C

Electrical & Instrumentation

Electrical Systems

- Power Distribution
 - Motor Control Centers
 - Switchgear Installation
 - Emergency Power Systems
- Applications: All voltage levels

Instrumentation Services

- Instrument Calibration
 - Control Loop Testing
 - Safety System Testing
 - DCS Configuration
- Accuracy: $\pm 0.1\%$ or better

Turnaround & Construction Services

Shutdown Services

- Turnaround Planning
 - Critical Path Management
 - Resource Coordination
 - Safety Management
- 24/7 Operations

Fabrication Services

- Structural Steel
 - Pipe Fabrication
 - Pressure Vessels
 - Tank Construction
- ASME Certified

Installation & Commissioning

- Equipment Installation
 - Testing & Commissioning
 - Performance Testing
 - Startup Assistance
- Full EPC Capability

Upstream Product Portfolio

High-Performance Chemicals for Oil & Gas Exploration and Production.

JAAZL provides a comprehensive range of specialty chemicals engineered to optimize drilling, cementing, fracturing, and production operations, ensuring maximum recovery and efficiency.

Drilling & Wellbore Chemicals

Product
H2S Scavenger
Slurry Pumping Aids
Graphite Seal (MIL Graphite)
pH Modifiers
Antifoaming Agents/Defoamer

Product
Lube and Drilling Oils
Antifoaming Agents
Silicon Defoamer
Acids and Bases

Product
Completion Fluids
Dewatering Aids
Filter Aids
EGMBE

Production & Treatment Chemicals

Product
Solvents
Zinc Carbonate (MIL Gard)
Depressants
Collectors
Antifoaming Agents/Defoamer

Product
Antifoulants
Scale Inhibitor
Iron Control Agents
Metal Additives

Product
Demulsifiers
Biocides
Scavengers
Corrosion Inhibitors

Downstream Product Portfolio

Refining, Processing, and Specialty Industrial Chemicals.

JAAZL delivers a complete portfolio of downstream chemicals designed to enhance refining processes, ensure product quality, and support a wide range of industrial manufacturing applications.

Commodity & Semi-Specialty Chemicals

Product	Product	Product
Wash Oil	Solvesso 100, 200	Sodium Molybdate
MDEA	Flux Oil	Antistatic Agent
Acids & Caustic Soda	SHMP & TEA	Molecular Sieve
KOH & Hypo	Glycols & PAC	ZnO Catalyst
DMDS & TCL	Lubricants	Sodium Chlorite

Additives & Plasticizers

Product	Product	Product
Antioxidants & Dyes	DOP (Diethyl Phthalate)	DINP (Diisononyl Phthalate)
Flame Retardants	DBP (Dibutyl Phthalate)	DIDP (Diisodecyl Phthalate)
UVA Absorbers	DOM (Diethyl Maleate)	DNOP (Di-n-octyl Phthalate)
Anticaking Agents	DOTP (Diethyl Terephthalate)	BBP (Benzyl Butyl Phthalate)
Colouring Agents	Froth Flotation Aid	Granulation Aid

Mining Product Portfolio

Chemicals and Raw Materials for Mining, Metals, and Fertilizers.

JAAZL is a key supplier for the mining industry, offering specialized chemicals and raw materials to support mineral extraction, metal processing, and fertilizer manufacturing.

Mining & Mineral Processing Chemicals

Product
Flocculants
Depressants
Collectors
Frothers & Float Oils
Defoamers
pH Modifiers

Product
Slurry Pumping Aids
Sodium Cyanide
Activated Carbon
Granulation Aid
Micronutrient Binders
Neem Oil & CPC

Product
Anticaking Agents
Anti-Dusting Agent
Colouring Agents
Scale Inhibitors
Filtration Aids
Silicon Defoamers

Raw Materials for Mining & Metals

Product
Calcined Petroleum Coke
Drossary Salt
Silicon Metal
Chromium Briquette
Antifoaming Agents/Defoamer

Product
Pig Iron Ingots
Magnesium Ingots
Pure Magnesium Sow
Calcium Aluminum Waffle

Product
Pure Iron Flakes
Titanium Coils
Copper Tablets
Pure Titanium Spong

Materials & Industrial Products

Integrated Material Solutions for Industrial Infrastructure and Operations.

Beyond chemicals, JAAZL provides essential materials and engineered products to support your industrial operations, from robust water storage solutions to specialized equipment.

Water Storage Tanks & Materials

Product	Product	Product
Industrial Firefighting Tanks	Potable Water Tanks	FM and NFPA Approved Tanks
Raw Water Storage Tanks	Domestic Storage Tanks	GLS Tanks
DM Water Storage Tanks	Zinc Aluminium Tanks	Glass Fused Steel Tanks
Waste Water Storage Tanks	Heat Exchangers	Piping & Fabrication Parts

Industrial Equipment & Components

Product	Product	Product
Vacuum Trucks	Electrical Instrumentations	RO Plants
Tank Cleaning Equipment	Mechanical Instrumentations	Waste Water Plants (ZLD/MLD)
Catalyst Handling Systems	Plant Turnaround Kits	Reject Water Recycle Units
Civil Works Components	Boiler & Chiller Units	Cooling Water Systems

Industrial Products & Brands Portfolio

Premium Industrial Products & Authorized Brands

We are authorized distributors and stockists for the world's leading manufacturers of industrial hoses, fittings, valves, and equipment.

Hoses, Fittings & Couplings

Product
CONTINENTAL CONTITECH Hoses
DANFOSS (EATON) Hoses
GS-Hydro Piping Solutions
BOP Hoses & Rig Supply
Hydraulic & Industrial Hoses

Product
MATEC® GROUP Hoses
STUCCHI Hydraulic Couplings
MANNTEK Dry Disconnect Couplings
API16D & Flat Faced Couplings
No Spill Breakaway Couplings

Product
HiP High-Pressure Fittings
AMERICAN COMPLETION TOOL
Flowline Products
Hammer Unions & Swivel Joints
Composite & Rubber Hoses

Valves, Pumps & Equipment

Product
BALON Valves
BARKSDALE Sensors & Switches
TORCUP Bolting Tools
Ball, Needle & Gate Valves
Pressure & Temperature Meters

Product
Wilden Pumps & Repair Kits
MUDKING Mud Pumps & Valves
DEMCO (CAMERON) Valves
Air Operated Diaphragm Pumps
Gate & Butterfly Valves

Product
JETLUBE Grease & Lubricants
OCRI Wireline Greases
Drilling & Tool Joint Compounds
REAL SAFETY Rig Floor Mats
Anti-slip Products

Safety Products & Services Portfolio

Comprehensive Safety Solutions & Expert Industrial Services

From a full range of Personal Protective Equipment to on-site technical services, we provide complete support for your operational needs.

Safety & Fire Fighting Products

Product	Product	Product
Head Protection	Respiratory Protection	Foot Protection
Eye Protection	Hand Protection	Clothing Protection
Ear Protection	ANSELL / RINGERS Gloves	Fall Protection
Safety Helmets & Visors	Masks, Filters & Cartridges	Safety Boots & Shoes

Industrial & On-Site Services

Services	Services	Services
Hose Crimping (up to 12")	Hose Testing & Certification	Flowline Item Recertification
Hydraulic Hose Van Service	Tubing System Fabrication	Trading & Procurement
Container Hose Workshop	Tool Repair & Maintenance	One-Stop Sourcing Solutions
On-site Hose Assembly	Bolting Tool Servicing	Consumables & Hardware Supply



Partners Network

Our Major Partners

Comprehensive Global Network for Complete Solutions



Contact Us For More Informations



Partner Network

Strategic Global Partnerships for Industrial Excellence

Strategic Partners

 Continental Germany	 DANFOSS Denmark	 Stucchi Italy	 GS-Hydro Italy
 Matec® GROUP Italy	 Balon USA	 HiP USA	 American Competition Tools
 MannTek Sweden	 Kubota Japan	 Delta Electronics Taiwan	 Cummins USA
 Bosch Germany	 Yaskawa Japan	 SMC Corporation Japan	 Siemens Germany
 Parker Hannifin USA	 Schneider Electric France	 A Bosch Company Bosch Rexroth Germany	 Omron Japan

Partner Network

Strategic Global Partnerships for Industrial Excellence

Strategic Partners

			
			
			
			
			
			
			
			
			
			



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Thank You