



COMPANY PROFILE

Industrial **Engineering** Experts

- WWW.IIECO.CO
- INFO@IIECO.CO

ABOUT US

We are a team of experienced **Industrial Engineering experts** dedicated to optimizing systems, processes, and operations across diverse industries. Our mission is to help organizations improve efficiency, reduce costs, enhance quality, and achieve sustainable growth through data-driven and practical engineering solutions.

With strong expertise in process improvement, operations management, supply chain optimization, quality systems, lean manufacturing, and data analytics, we combine analytical rigor with real-world application. We work closely with our clients to understand their challenges and deliver tailored solutions that produce measurable results.

Our approach is grounded in proven methodologies such as Lean, Six Sigma, continuous improvement, and systems engineering, supported by modern tools and technologies. We believe that successful industrial engineering is not just about numbers and models—it's about people, collaboration, and long-term value creation.



OUR VALUES

Safety first

- Protect people, environment, and assets in every design, improvement, and recommendation.

Integrity and ethics

- Act with honesty and transparency in data, analysis, and reporting, even when results are unfavorable.

Innovation and problem solving

- Use creative, systems-thinking approaches to optimize complex operations, supply chains, and services.

Excellence and efficiency

- Strive for high-quality engineering solutions that are robust, practical, and economically efficient.

Client and stakeholder focus

- Understand client needs and constraints deeply, then align solutions with their strategic goals and context.

Collaboration and professionalism

- Work in multidisciplinary teams with respect, accountability, and shared ownership of outcomes.



OUR SERVICES

**Engineering, Procurement,
Installation, Commissioning and
After sales services**

- Engineering & Design, Procurement, Construction & Installation, Commissioning.
- Consultation & Studies, Maintenance & Support, Training, Custom Solutions.
- Electrical & Instrumentation
- Inspection, NDT & Maintenance
- Consulting, Training & Support
- Solar & Renewable Systems
- Instrumentations
- Installation and supervision
- System integration and automation.
- EPCI and turnkey package solutions
- Testing, commissioning and start-up
- Preventive and corrective maintenance.



Industrial **Engineering** Experts services:

Operations, maintenance & reliability

Condition monitoring and predictive maintenance programs (vibration, thermography, oil analysis).
Shutdown and turnaround planning, execution, and start-up support.

Spare-parts management and obsolescence replacement solutions

Electrical, automation & digital

Power system studies (load flow, short-circuit, protection coordination, arc-flash).

PLC/SCADA/HMI programming, upgrades, and cybersecurity hardening.

Remote monitoring, data logging, and performance dashboards for plants and packages.

Process, safety & compliance

Process optimization and debottlenecking for existing plants.

HAZOP/HAZID, SIL assessment, and functional safety lifecycle services.

Energy audits and efficiency improvement programs for utilities and process systems.





OUR PRODUCTS

- Compressors, Motors & Drives
- Valves, Piping & Process Packages
- Instrumentation & Control
- Electrical Products
- Solar & Renewable Components
- Automation, SCADA & Instrumentation
- Testing, Measurement & NDT Equipment
- Rotating Equipment & Mechanical
- Electrical & Power Solutions
- Firefighting, Lubricants & Support
- Skids & Packages
- Well Control – BOP & Accessories
- Downhole Memory & Permanent Gauges
- Upstream Equipment & Tools
- Midstream & Downstream Equipment
- Transformers,
- Measurement, Safety & Support Products
- Mechanical, Rotating & Process Packages
- Energy, testing and renewables



INDUSTRIAL COMPRESSORS

In industrial engineering, industrial compressors are critical machines that supply high-volume, high-pressure air or gas to keep production and process systems running.

Role in industrial engineering

Provide the main energy source for pneumatic tools, actuators, robots, and conveyor controls, making automated production lines possible.

Drive processes such as clamping, stamping, spraying, cooling, and cleaning, directly affecting productivity, quality, and safety in factories.

Types used in industry

Reciprocating (piston) and rotary screw compressors are most common for plant air because they can deliver continuous, high-pressure air.

Centrifugal compressors are used where very large flow rates are required, such as refineries, big manufacturing plants, and pipeline stations.
What industrial experts focus on



VALVES

Valves: Precision-engineered industrial flow control solutions, designed and supported by experienced industrial engineering experts

Valves: Precision-engineered solutions for reliable industrial flow control, delivered by experienced industrial engineering experts.

Valves: High-performance flow control engineered with precision for demanding industrial applications by proven industry experts.

Valves: Expert industrial engineering for accurate, efficient, and reliable flow control across critical processes.

Valves: Advanced precision engineering for safe, efficient, and consistent industrial flow control.



Industrial valves provide reliable solutions for flow control and isolation, and **Industrial Engineering Experts** can supply all major valve types to ensure safe, efficient operation of pipelines and process systems.

Role of industrial valves

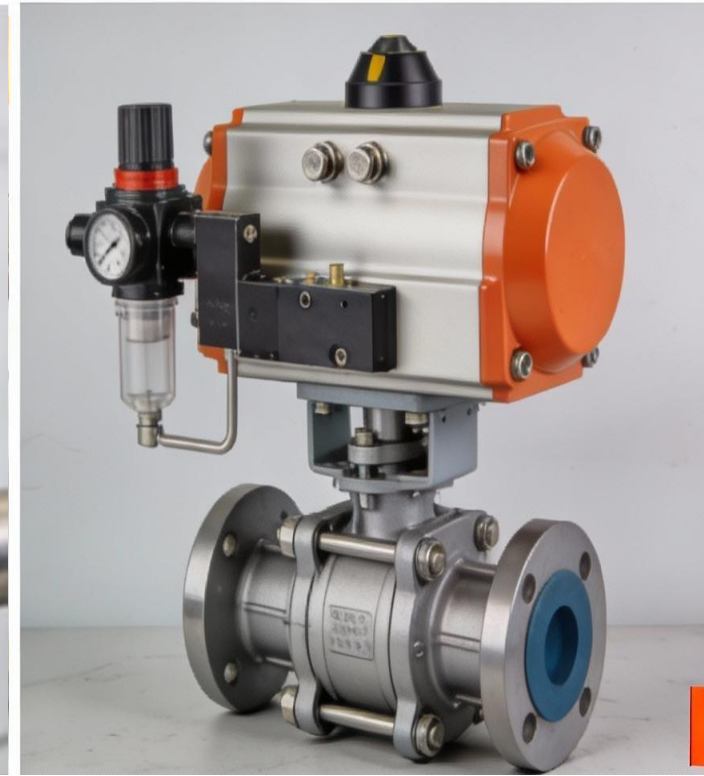
Flow control: Globe, control, and throttling valves regulate flow and pressure precisely to keep processes stable and efficient.

Isolation and safety: Ball, gate, butterfly, plug, and check valves provide tight shut-off and backflow prevention so equipment can be maintained safely, and processes can be stopped in an emergency.

Range IEE can supply:

All kinds of valves: Ball, gate, globe, butterfly, check, plug, diaphragm, knife-gate and high-purity valves in carbon steel, stainless steel and special alloys, with manual, gear, pneumatic, or electric actuation to match service conditions.

Quality and reliability: Using high-quality industrial valves with robust sealing and tested performance reduces leakage, downtime, and maintenance cost, improving long-term plant reliability for clients

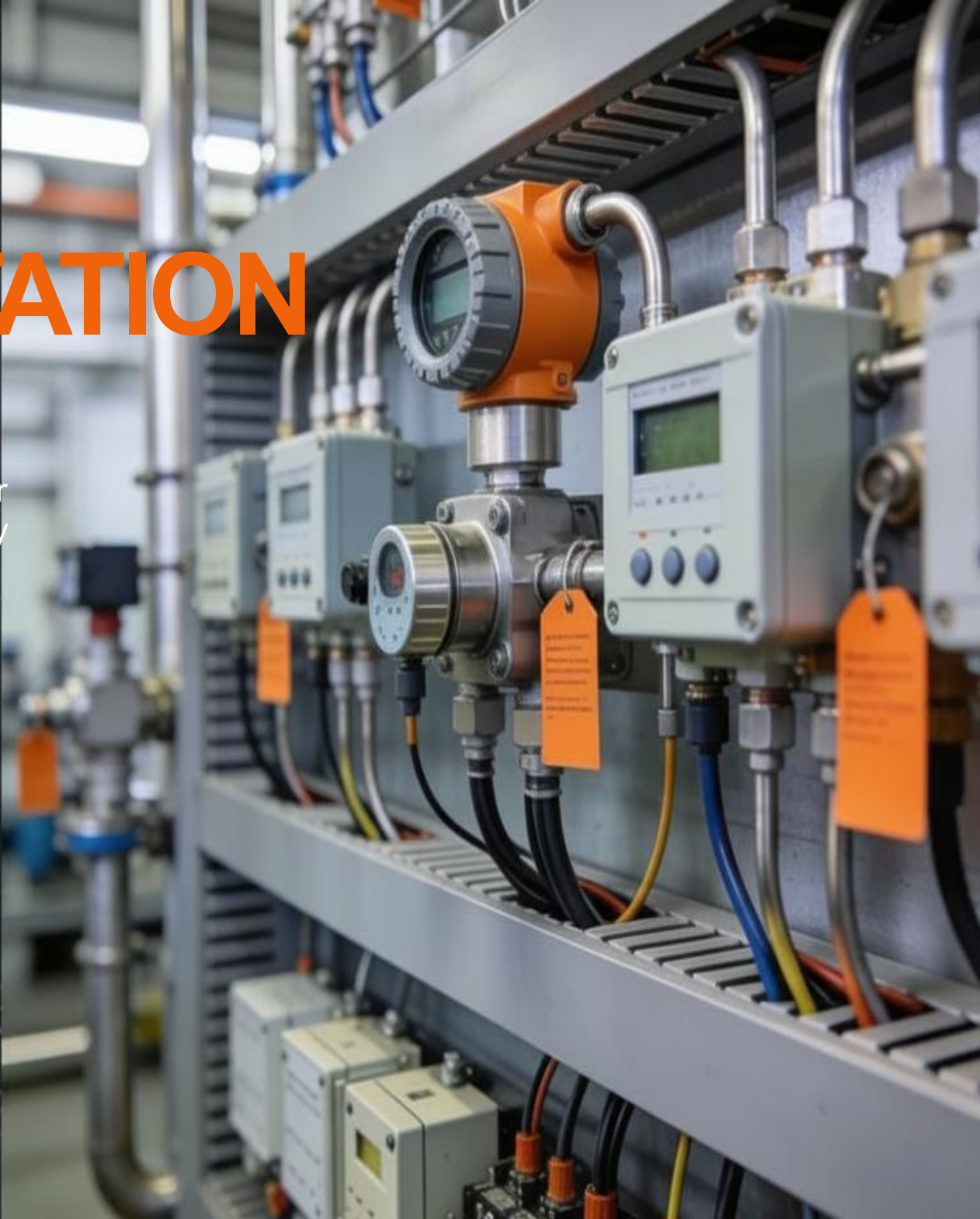


INSUTRIAL INSTRUMENTATION

industrial Instrumentation: Reliable solutions for precise measurement and control, delivered by **industrial engineering experts**.

Providing design, installation, calibration, maintenance, and automation services for critical measurement and control systems in industrial plants.

Specialized in flow, level, pressure, and temperature instrumentation to enhance process reliability, safety, and efficiency.



industrial engineering experts provides specification, sizing, installation, and calibration of differential pressure transmitters to ensure safe and efficient plant operation.

industrial engineering experts delivers expert differential pressure solutions integrated into process control and automation systems across oil and gas, power, water, and manufacturing sectors.

industrial engineering experts offers high-accuracy differential pressure transmitters for critical process control, energy optimization, and safety monitoring.

industrial engineering experts supports the full lifecycle of differential pressure transmitters, including design, selection, commissioning, troubleshooting, and maintenance.

industrial engineering experts integrates smart differential pressure transmitters with DCS and SCADA systems for real-time diagnostics and advanced industrial automation.



Industrial engineering experts supplies a full range of industrial instrumentation equipment, including pressure, temperature, level, and flow instruments, tailored to complex industrial processes.

Industrial engineering experts integrates field instruments with control and automation systems to deliver complete measurement and control solutions for industrial engineering projects.

Industrial engineering experts supports clients with design, selection, installation, and calibration of instrumentation equipment to improve safety, efficiency, and regulatory compliance.

Industrial engineering experts specializes in industrial instrumentation equipment and services, delivering end-to-end solutions from concept and engineering through commissioning and maintenance.

Industrial engineering experts offers instrumentation for monitoring and controlling pressure, temperature, flow, level, and analytical parameters across diverse industrial sectors.





INDUSTRIAL PUMPS

Reliable Solutions for Transfer
and Circulation

Industrial Engineering Experts

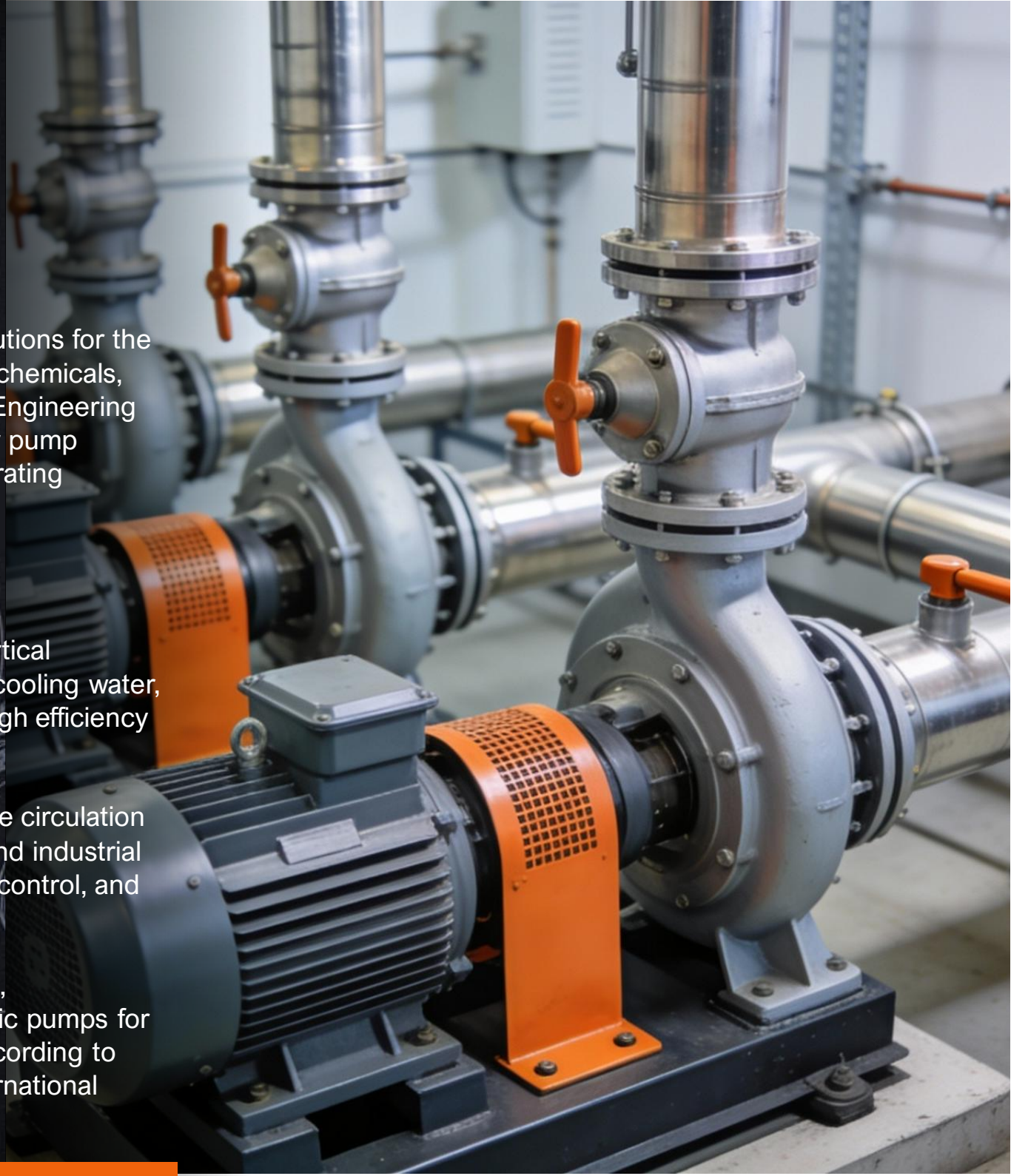
Industrial pumps provide reliable, engineered solutions for the safe transfer and continuous circulation of water, chemicals, hydrocarbons, and process fluids, and Industrial Engineering Experts can specify, supply, and support all major pump technologies to match each client's duty and operating environment.

Scope of pump solutions

Transfer pumps: End-suction, multistage and vertical centrifugal pumps for raw water intake, RO feed, cooling water, firefighting, and utility distribution, designed for high efficiency and low life-cycle cost.

Process and circulation pumps: Inline and volute circulation pumps for closed-loop heating/cooling, jackets, and industrial process loops, ensuring stable flow, temperature control, and minimal downtime.

Special-duty pumps: Chemical dosing, metering, positive-displacement, slurry, vacuum and hygienic pumps for viscous, abrasive, or corrosive fluids, selected according to flow, head, NPSH, material compatibility, and international standards



INDUSTRIAL RO SYSTEMS

Reliable solution for Water
Purification and Desalination

How **Industrial Engineering Experts** can present
this service

Position it as “Industrial RO System – Reliable
Solutions for Water Purification and Desalination”,
emphasizing: Customized design based on feed
water analysis and client standards.

Full package: pre-treatment, RO, post-treatment,
automation, and after-sales support.

Compliance with international membrane brands
and industry standards for long membrane life and
stable water quality.

Industrial RO systems use high-pressure
membranes to reliably remove salts, solids, and
microbes, providing purified and desalinated water
for industrial processes at high efficiency and
relatively low operating cost



METERING SKIDS

Accurate Solution for Custody Transfer and Flow Measurement

Modular design integrates flowmeters, provers, valves, and control systems for accurate volume, pressure, and temperature monitoring.

Supports liquids and gases with high accuracy compliant to API, ISO, and OIML standards, minimizing financial discrepancies in transactions.

Compact skid structure enables easy transport, installation, and maintenance at production or loading sites.

For **Industrial Engineering Experts**, metering skids can be engineered as modular industrial skids for custody transfer and process monitoring, providing certified flow measurement, pressure/temperature compensation, data logging, and integration with plant control systems to ensure transparent, auditable and reliable metering for clients in oil, gas and utilities projects



INDUSTRIAL ENGINEERING EXPERTS

IEE provides metering skids as high-accuracy flow measurement and custody transfer solutions for liquids and gases in pipelines, terminals, and loading facilities.

IEE metering skids integrate flowmeters, temperature and pressure instrumentation, provers, and control systems to comply with international custody transfer standards.

IEE designs customized metering skids that ensure precise measurement, reduced losses, and verifiable data for fiscal metering and allocation.

IEE delivers fully engineered metering skids that provide accurate custody transfer and flow measurement for oil, gas, and refined products.

IEE supports clients from concept to commissioning, supplying metering skids that combine precision instruments, control panels, and data logging for reliable transaction records.





Industrial **Engineering** Experts

can offer fire protection and firefighting truck-based emergency response as an integrated service covering detection, suppression, and organized incident management for industrial sites

FIRE PROTECTION

Firefighting Trucks, Systems & Emergency Response

Automatic systems: fire alarm panels, smoke/heat detectors, manual call points, and notification (sirens, strobes) to warn personnel quickly.

Fixed suppression: sprinklers, foam or gas systems for high-risk areas, plus portable extinguishers located and sized for specific fire classes (A, B, C, electrical, flammable liquids).

INDUSTRIAL LUBRICANTS

Reliable Solutions for Protection and Performance

Typical industrial lubricants **Industrial Engineering Experts** can promote

Hydraulic oils: For stable pressure transmission and wear protection in presses, cranes, and mobile equipment, with anti-wear and oxidation-resistant additives.

Gear oils: High-load EP (extreme pressure) oils for gearboxes in conveyors, crushers, mixers, and heavy drives, protecting against pitting and micro pitting.

Compressor and turbine oils: Formulated for oxidation stability, low foaming, and varnish control to keep bearings and seals clean in continuous-duty machines



A photograph of an industrial cable management system. Multiple rows of black cables are neatly organized and held in place by orange plastic clips mounted on a grey metal ladder-style rack. The cables are bundled together and run horizontally across the frame. In the background, more racks and cables are visible, creating a sense of depth. The lighting is bright and even, highlighting the industrial setting.

INDUSTRIAL CABLES

Reliable Solutions for Power and Signal Routing

in harsh industrial environments by using robust insulation, shielding, and quality-controlled manufacturing to prevent failures, short circuits, and downtime.

For **Industrial Engineering Experts**, single-core and control cables with durable sheathing (e.g., rubber or PUR) and proper testing offer stable power distribution, easier routing, and long service life even under vibration, chemicals, and high temperatures.

INDUSTRIAL SOLUTIONS

Reliable Solutions for Power Distribution and Control

Industrial Engineering Experts can provide reliable power distribution and precise control by combining engineered distribution networks with modern automation and motor control technology.

Power distribution solutions

Design of industrial power distribution systems using transformers, switchgear, busbar systems, and panelboards to safely deliver electricity from the utility to all loads with minimal losses and high reliability.

Inclusion of protection devices (breakers, relays, fuses) and proper system layout to coordinate fault clearing, reduce arc-flash risk, and keep critical equipment energized.

Control and automation solutions

Use of Motor Control Centers (MCCs), variable-frequency drives (VFDs), and soft starters to centralize motor control, protect motors, and optimize energy use in pumps, fans, and process equipment. Integration of PLC, SCADA, and HMI systems for real-time monitoring, automatic sequencing, alarms, and remote operation of plant processes, improving safety, uptime, and productivity.



The background image shows a technician in a hard hat and safety glasses working on a laptop connected to a rack of industrial control equipment. The rack contains various modules with glowing green and red lights, and some have labels like '#E67E22'. In the top left, there are faint icons for 'PPLC' and 'PLC' connected by lines. The overall scene is a modern industrial control room or server room.

INDUSTRIAL AUTOMATION SYSTEMS

Integrated PLC,
SCADA, and DCS
solutions for smart plants.



INDUSTRIAL PPE

Protecting Your People in
Every Environment

Industrial Engineering Experts apply Production Equipment Efficiency analytics to benchmark asset performance, uncover hidden losses, and prioritize high-impact improvements in complex oil, gas, and energy plants. By combining real-time data from control systems with feasibility and reliability studies, they turn PEE insights into practical actions that boost throughput, cut maintenance costs, and extend equipment life



SOLAR AND RENEWABLE COMPONENTS

IEE handling full solar energy supply, installation and long-term services for factories and large facilities
Complete solar EPC (engineering, procurement and construction) for industrial clients: design, equipment supply, installation and grid integration.

Solar energy supply solutions including panels, inverters, mounting structures, protection devices and monitoring systems

Engineering & Design Expertise
Installation, Commissioning & Integration
Operations, Maintenance & After-Sales





INDUSTRIES

OFFSHORE & ENERGY

EPCI SERVICES

Integrated Engineering, Procurement,
Construction & Installation

Industrial Engineering Experts deliver end-to-end Engineering, Procurement, Construction, and Installation for offshore platforms, subsea pipelines, and associated onshore facilities, providing a single, accountable partner from concept to final hook-up. Our multidisciplinary teams integrate front-end engineering design, strategic sourcing, modular fabrication, marine installation, and commissioning support to de-risk complex projects, shorten schedules, and ensure safe, reliable energy infrastructure in demanding offshore environments

Engineering & design: Concept, FEED, and detailed engineering for jackets, topsides, subsea structures, pipelines, and cables, tailored to offshore oil, gas, and offshore wind requirements.

Procurement, construction, and installation: Sourcing critical equipment, fabricating structures and skids, then transporting and installing them offshore under one coordinated contract, taking responsibility for schedule, cost, and performance.



CONSULTATION & STUDIES

Engineering Assessments, Feasibility Studies
& Technical Advisory

to evaluate project viability, optimize designs,
and support safe, reliable, and cost-effective
industrial investments





Industrial Engineering Experts

- Engineering assessments of existing plants or new projects to evaluate design, safety, and performance.
- Feasibility studies that analyze technical options, cost, schedule, and risk before investing in a project.
- Technical advisory during design, procurement, construction, and commissioning to support your internal team.
- **Where experts help**
 - New plant design, expansion, or debottlenecking of production lines.
 - Energy efficiency, reliability, and maintenance optimization.
 - Compliance with industrial standards, safety regulations, and best practices.
 - Expert consultation and feasibility studies for industrial plants and manufacturing facilities.
 - Independent engineering assessments and technical advisory for safer, more efficient operations

OUR BRANDS

IEECO – Industrial Engineering Experts is able to supply a wide range of internationally recognized brands with very competitive pricing.

Through strong partnerships and reliable supply channels, we provide our clients with original products, cost-effective solutions, and timely delivery for the following brands:

IEECO – Industrial Engineering Experts, we leverage our strong market presence and supplier network to offer high-quality industrial brands at highly competitive prices.

Our clients benefit from cost optimization without compromising quality, covering the following brands:

- ✓ Competitive Prices
- ✓ Genuine Products
- ✓ Technical Support
- ✓ Fast & Reliable Delivery

azbil

invensys
FOXBORO

WIKA

**JC
VALVES**

**Baker
Hughes**

**Schneider
Electric**

FLUKE

MSA

EMERSON

Allen-Bradley
by ROCKWELL AUTOMATION

3M

OMRON

Fuji Electric

Parker

NORGREN

SAER
ELETTROPOMPE

KUMWOO

KOSO

LESER

S. A. M. P. I.
METERING EXPERTS

Honeywell

FLOWSERVE

EH
Endress+Hauser

KSB

SMC

ABB

YOKOGAWA

GE

MITSUBISHI MOTORS

Roxtec

eco pump

SIEMENS



Industrial
Engineering
Experts

OUR CLIENTS

Trusted by Leaders in Energy,
Industry and Infrastructure

DNO Iraq AS, Crecent
Petroleum, Gulf Keystone, HKN
Energy, Oryx Petroleum, North
Oil Co, North Gas Co, Basra Gas
Co, Lafarge, Qaiwan Group, Kar
Group, Mass Group, Ministry of
Oil, Ministry of Electric, Ministry
Of Industry





**Industrial
Engineering
Experts**

CONTACT US

ERBIL OFFICE

No. AL9, Building No, 9, Andazyaran City, Erbil, KRG,
Iraq
+964 751 458 4807

UK OFFICE

Best western Plus, Croydon, London CR7 6AD
+44 7762 719221

ITALY OFFICE

Via del Garda 67 37067 - Valeggio S/M - VR Italy
+39 345 854 8661

www.ieeco.co

info@ieeco.co