



NIKAN ENERGY



NIKAN ENERGY LLC

company profile

www.nikanenergy.co

MISSION

Nikan Energy is committed to delivering world-class engineering services in the oil, gas, petrochemical, and industrial development sectors. By leveraging a team of academic elites, skilled engineers, and experienced managers, we aim to build a bridge between our engineering capabilities and the global market. Through innovation, collaboration, and a robust international network, we strive to enhance the export of engineering expertise, foster sustainable industrial growth, and contribute to global opportunities.

VISION

To be a leading global player in engineering services, recognized for strengthening international partnerships, advancing technical and commercial knowledge, and driving innovation in the oil, gas, and industrial sectors. **Nikan Energy** Saspire to contribute significantly to economic growth by creating knowledge-based jobs, and fostering a thriving engineering ecosystem that connects expertise with the demands of the global market.



FIELDS OF ACTIVITY

As an engineering firm, our expertise spans feasibility studies, conceptual design, basic and detailed engineering, procurement, construction, commissioning, and start-up operations.

We specialize in delivering innovative solutions for oil refineries, gas treatment facilities, and petrochemical and chemical complexes, offering a full spectrum of services tailored to meet the needs of our clients.



Oil & Gas Process Facilities

Crude Oil Refineries
 Condensate Refineries
 Petro-Refineries
 Gas Refineries & Treatment Facilities
 Gathering Systems
 Injection Systems



Petrochemical & Chemical Complexes

Olefins & Polyolefins Plants
 Aromatics Plants
 Polymers & Artificial Rubbers Plants
 Chemical Fertilisers;
 and Other Various Plants

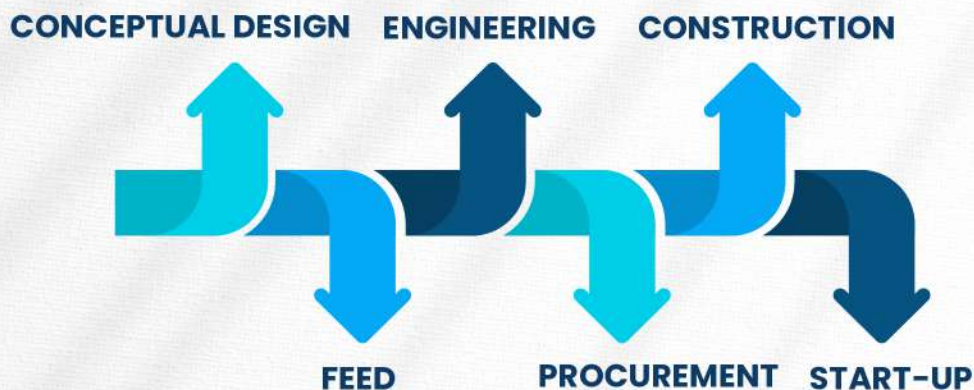


Infrastructures

Utility Plants
 Compressor & Pump Stations
 Terminals & Storages
 Water & Waste Water Treatment
 Steel Factories
 Bridges

CAPABILITIES & KEY SERVICES

WE COVER EVERY ASPECT OF OIL & GAS PROJECTS,
THROUGH THE ENTIRE PROJECT LIFE CYCLE.





Engineering Design & Feasibility Studies

Comprehensive engineering services, from conceptual design to detailed engineering, ensuring cost-effective and practical solutions.

Our multidisciplinary team of experienced engineers specializes in process, piping, structural, mechanical, electrical, instrumentation, and civil engineering providing fully integrated solutions in oil, gas and petrochemical projects.



Procurement Services

Construction Supervision & Commissioning

Our experienced team of supervisors and field engineers work closely with construction contractors, ensuring that every phase of the project is carried out in line with design specifications, timelines, and regulatory requirements.

Project Management & Consultancy

- Contract Services
- Risk Management
- Programme Management
- Management Consultancy
- Project Management
- Preliminary Plans & Specifications
- Project Planning, Scheduling & Cost Control



Expert project management and consultancy services, ensuring smooth execution and delivery of complex oil and gas projects.

APPENDIX

Nikan Energy is led by a distinguished team of industry and academic elites with over two decades of experience in the oil, gas, and petrochemical engineering sectors. Our core team has successfully completed numerous projects, demonstrating a proven track record of innovation, reliability, and technical expertise.

Before the formation of Nikan Energy, the group's key members were instrumental in executing pivotal projects. They contributed significantly to landmark projects such as various phases of the South Pars Gas Field development, multiple oil refinery initiatives, and numerous gas and petrochemical ventures. Also, they played a vital role in high-profile projects like development of the Nord Stream 2 pipeline in Russia.

These accomplishments reflect Nikan Energy's unwavering commitment to delivering practical, efficient, and trustworthy solutions tailored to the industry's evolving needs.

The following sections outline key projects completed by the central team of Nikan Energy, showcasing their extensive expertise and leadership in their previous organizations.

TEAM EXPERIENCES

Development of gas processing refinery of Nordstream pipeline 2, St. Petersburg, Russia

This project showcases the extensive experience of our key engineers during their tenure with previous organizations. In this international project, the designs were carried out in civil, structural, architectural, electrical, instrument, piping and safety disciplines, with Nikan Energy forming the central engineering core. This project was completed with the presence of engineers and experts from different countries including Russia and Türkiye.

Phases 13, 15, 16, 19, 22, and 24 of the South Pars Development – Asalouyeh Port

Our team of experts provided comprehensive design services and consultation for procurement, construction, and implementation across all disciplines, including process, piping, mechanical, electrical, instrumentation, civil, structural, architectural, and safety. These contributions were critical to the successful execution of key phases in the extensive South Pars gas field development project.

TEAM EXPERIENCES

BENSAT, CCR and NHT units of Tehran oil refinery

In this project, engineering services in various disciplines including piping, mechanics, electricity, instrumentation, civil, structure, architecture and safety for BENSAT, CCR and NHT units of Tehran Oil Refinery were carried out by Nikan Energy's central core, comprehensively.

Ilam Gas Refinery

Our key engineers played a vital role in the complete design and consultation for the construction and implementation of civil and structural disciplines. The project included the development of resilient, stable structures and modern civil infrastructures, executed with high-quality materials and advanced engineering techniques to ensure durability and efficiency.

TEAM EXPERIENCES

Qeshm Gas Refinery

Comprehensive design, procurement consultation, construction, and implementation across all engineering and safety disciplines.

Isfahan Oil Refinery Development

Full-scale design, procurement consultation, and construction in all related disciplines, utilizing new materials and methods for enhanced efficiency and safety.

Siraf Star Refinery

All phases of design, procurement consultation, construction, and implementation in various technical and safety disciplines.

TEAM EXPERIENCES

Olefin Production Units in Kangan, Dehloran, Gachsaran, Marvarid, and Bushehr Petrochemical Complexes

The construction of olefin production units across these complexes was undertaken to boost the production of petrochemical products and fulfill domestic and export demands. Our experts contributed significantly through expertise in design, procurement, construction, and implementation, covering process, piping, mechanics, electrical systems, instrumentation, civil works, structural engineering, architecture, and safety.

Assaluyeh Methanol and Ammonia Complex, South Pars Region (Lavan)

This project aimed to produce methanol and ammonia to cater to domestic and international markets. Our team, played a pivotal role across multiple disciplines, including process engineering, piping, mechanical systems, electrical engineering, instrumentation, civil and structural engineering, architecture, and safety.

TEAM EXPERIENCES

Polyethylene Factory - Jam Petrochemical Complex, Assaluyeh Port

The polyethylene production facility at Jam Petrochemical Complex was established to meet growing domestic and export needs. Nikan Energy Sharif's experts were integral to the design, construction, and implementation phases across all engineering and safety disciplines. This project demonstrates our experts' capability to deliver advanced and efficient industrial solutions.

TEAM EXPERIENCES

Other contributions

Design and control of residential timber structures in California, USA

Persian Gulf Sadaf Petrochemical Company

The second phase of MEG Bushehr Petrochemical Company

Kavian Petrochemical Company (Petrokavian)

Marjan Petrochemical Company

Bushehr Petrochemical Company

Sablan Petrochemical Industries Company

Mahabad Petrochemical Company

Azarakhsh Petro Refinery Company

Pars Kimia Chlor Shushtar Petrochemical Company

Petrofraind Rajan Company

Maroon Petrochemical Company



Engineering Excellence, For a World of Energy.

LET'S KEEP IN TOUCH

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