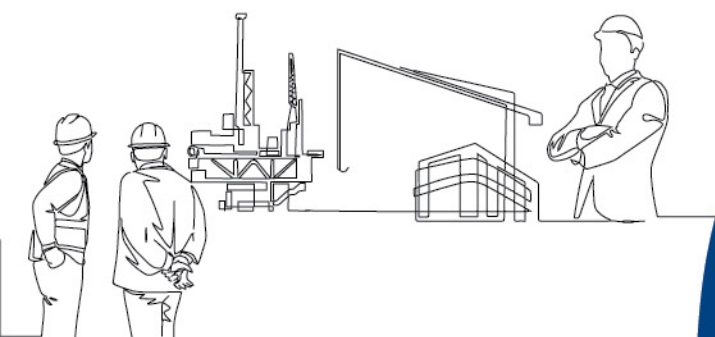




Nano Age Holding



**WE
BUILD
TRUST
IN
NANO
AGE**





ABOUT US

WHAT ARE WE MAKING
IN THE NANO AGE
HOLDING

ABOUT US

Nano Age Holding is a leader in delivering innovative, sustainable solutions across multiple industries construction, mechanical systems, industrial automation, and oil & gas. Since 2005, our multidisciplinary teams have completed large scale projects with uncompromising quality and strict compliance to international standards.

We bridge advanced technology and industrial needs, redefining engineering service standards through innovation, creativity, and a commitment to sustainable economic growth. With proven strength in venture capital and deep insight into the country's innovation ecosystem, we partner with enterprises and organizations in technology investment and support knowledge based companies in bringing innovative products to domestic and global markets.

Our Mission

To create added value for clients by delivering precise, cost effective, and reliable engineering services driving national industrial growth, job creation, and entrepreneurship.

Subsidiaries

- Nano Age Engineering Co. Civil, oil & gas, industrial, and installation projects
- Nano Age Technology Development Co. Investments in technology driven ventures
- Kavosh Farayand Kavak Company. Processing strategic and rare minerals
- Mehrad Ramesh Maham Co. Gasket manufacturing for oil, gas, and petrochemical industries

Nano Age Holding



Core Fields of Activity:

- Oil & Gas
- Civil Engineering & Architecture
- Electrical & Mechanical Installations
- Industrial Automation & Mechatronics
- Water & Wastewater

A venture investor in technological fields

Our Priority Investment Areas:

- Processing of strategic and rare minerals
- Advanced, chemical, and composite materials
- Industrial equipment and systems
- Artificial intelligence and digital technologies

A strategic and rare mineral processing company

Current products:

- High purity antimony ingot
- High purity antimony trioxide powder

An industrial, Oil and Gas equipment manufacturing company

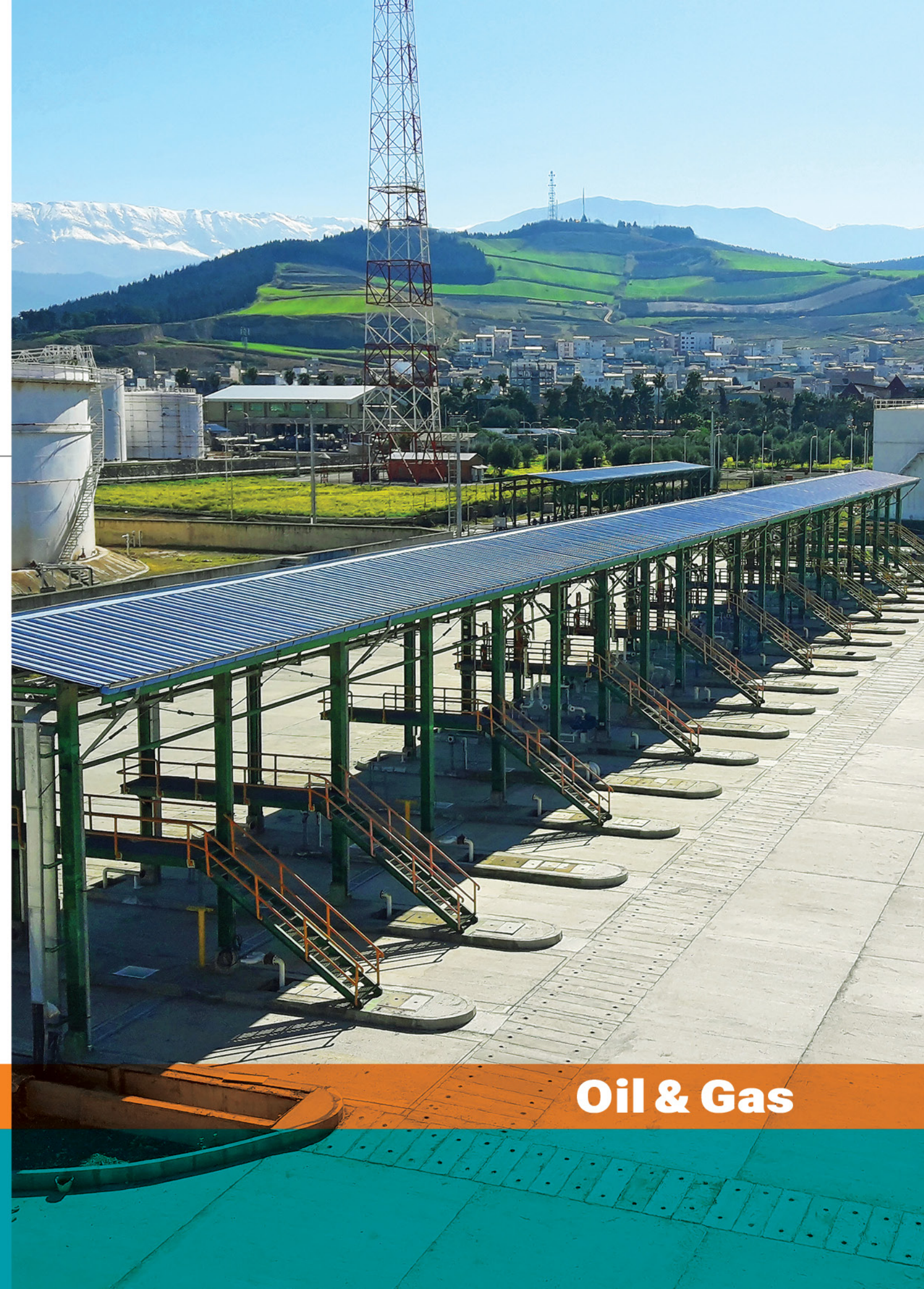
Current products:

- Spiral wound Gaskets
- Ring joint Gaskets
- Special Gaskets in all classes



Oil & Gas

- Design, supply, and construction of oil product storage facilities
- Design and construction of loading/unloading platforms, metering, and grounding systems
- Design, supply, and construction of pumping stations for oil & gas sites
- Piping systems for tanks and petroleum pipelines
- Firefighting systems including pump houses, cooling, foam, and firewater pipelines
- DCS/PLC-based control and monitoring systems with fail-safe redundancy
- Instrumentation systems based on industrial networks (HART, FF, Profinet, etc.)
- PLC-based firefighting (F&G) systems with fail-safe functionality



Oil & Gas

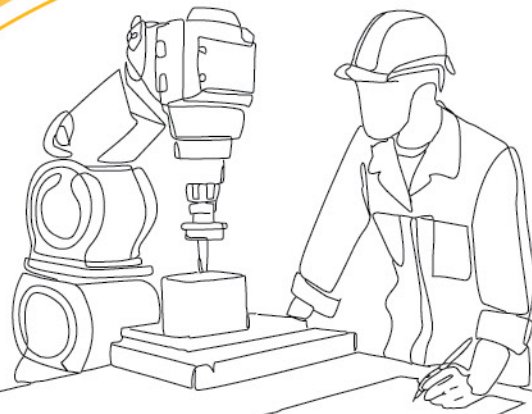


Civil Engineering & Architecture

- Consulting, design, and construction of residential, commercial, and industrial buildings
- Investment and partnerships in large-scale residential and commercial projects
- Project management for major civil and industrial developments
- Steel and concrete structures, including space frames and specialized facilities
- Industrial and sports warehouses and halls
- Automated parking systems
- Fuel stations and fuel storage facilities



CIVIL & ARCHITECTURE

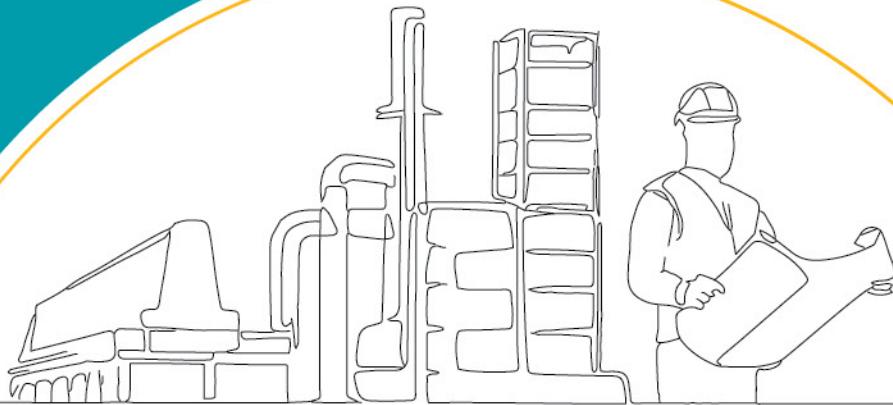


Industrial Automation & Mechatronics

- Consulting, design, and execution of factory and process automation projects
- Control systems based on IPC, EPC, PLC, and DCS
- Custom machinery design and mechatronic innovations
- Electrical, instrumentation, control, and industrial automation projects
- Industrial monitoring and SCADA systems based on advanced networks
- Drive panels and soft starters for single-phase and three-phase motors
- Modern production line machinery and equipment
- Industrial and service robots for advanced industries



**INDUSTRIAL AUTOMATION
& MECHATRONICS**



Electrical & Mechanical Installations

- Consulting, design, and execution of building and industrial installations in compliance with engineering codes and standards
- Smart boiler room management and HVAC solutions
- Supply, installation, and commissioning of centrifugal, screw, sump, and other electropumps
- Electrical installations including lighting, fire alarms, CCTV, public address & paging systems, and BMS
- Design and manufacturing of industrial and semi-industrial electrical panels and automation systems
- Emergency power solutions including diesel generators, solar systems, and UPS

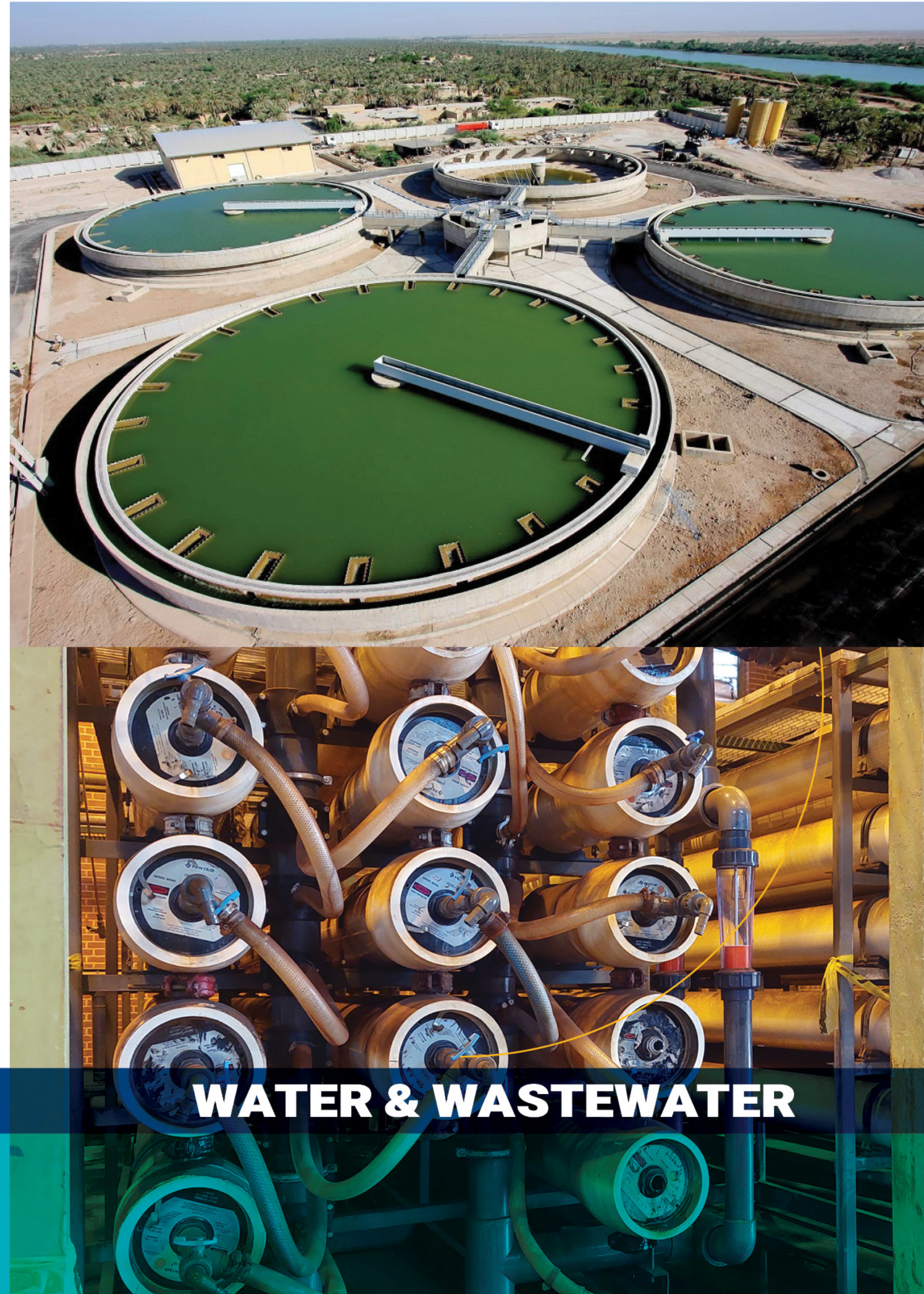


**ELECTRICAL &
MECHANICAL INSTALLATIONS**



Water & Wastewater

- Design and construction of water transmission and collection systems
- Pumping stations and urban/industrial water & wastewater treatment plants
- Steel and concrete reservoirs for collection, storage, and pressure supply
- Maintenance systems for water networks and pipelines
- Telemetry and remote monitoring of reservoirs
- Feasibility studies, design, and construction of wastewater collection networks and stormwater transmission lines
- Design and implementation of wastewater and stormwater network maintenance systems



WATER & WASTEWATER



2005-2010

- Aviation Fueling Control Room Construction
- Khorasan Razavi Oil Depot: Design & Construction of PLC Control Panel
- Mashhad Wastewater Stations: Full Implementation of Automation Project
- Design & Implementation of Feeder Speed Control by Siemens PLC
- Sabzevar Quality Control (QC) Laboratory: Building Construction Project
- 3D Bed Profiler: Design & Construction Project
- Fuel Station: LG-TG & VRU System Implementation
- Fuel Station Automation System Implementation

2010-2015

- Metro Line 1 Fueling Terminal: Industrial Automation System Implementation
- Khorasan Razavi Petroleum Depots: Multi-Projects Implementation
- Fully Automated Parking Systems: Pioneering its Implementation in Iran
- Telecommunications Fiber Optic Network (FON) Infrastructure Rollout
- High-Availability Network Core: Stacking, LACP & 802.1Q Trunking Implementation
- Implementation of a Secure Web Gateway using Microsoft ISA Server
- Structural Design and Analysis of Space Frames and Industrial Steel Buildings

2015-2019

- Infrastructure Communications Encryption Implementation
- Electrical Systems Implementation for Khorasan Razavi Province Telecom Centers
- Construction of the Samen Municipality Sports Facility
- Execution of Multiple Gas Pipeline Projects for Khorasan Razavi Gas Company
- MEP Systems Installation for Pump Station & Energy Museum at Kahnuj Power Plant
- Gorgan Oil Depot Expansion Project Construction
- Provincial Roll-out: Construction of Multiple Police Stations Across Khorasan Razavi

2019-2022

- Mashhad Hejrat Public Library: Construction
- Tohid Residential Building: Design & Construction Project
- Milli Bank: Ab-o-Bargh Branch Renovation Project
- Opal Parsian Sangan Mines: Civil & Industrial Projects Portfolio Management

2022-2025

- Maskan Bank Branch: Demolition and Reconstruction Project
- Mashhad Gas Department's Districts 6 & 8: Operations Building Construction
- Torqabeh Municipality: Administrative Building Construction
- Bokharai Residential Building: Design, Construction, and Execution
- Petroleum Product Storage: Floating Roof Tanks (FRTs) Execution and Construction
- Arg-e Kerman Tire Factories: Industrial Complex Buildings Construction
- Ferdowsi University of Mashhad: Dormitory Construction

Gorgan Oil Depot

Construction of the
Gorgan Oil Depot
Expansion Project

The employer :
National Iranian Oil Products
Distribution Company

Year :
2016 - 2019



Torghabeh Municipality

Construction of the
Administrative Building of
Torghabeh Municipality

The employer :
Torghabeh Municipality

Year :
2022 - 2025



Sangan Khaf mines

Execution of Industrial and
Construction Projects in
Opal Parsian Sangan Mines

The employer :
Opal Parsian Sangan Company

Year :
2020 - 2022

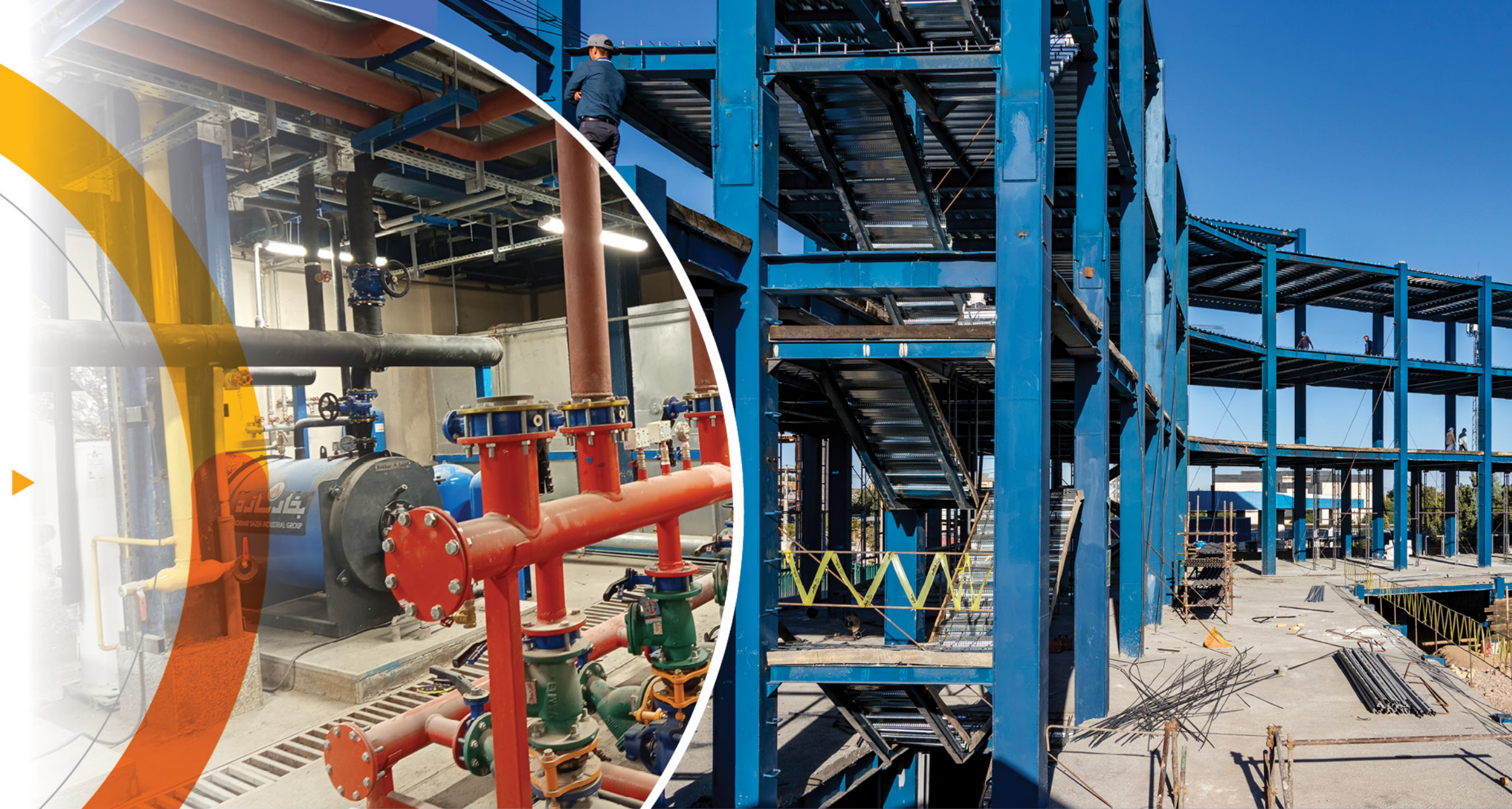


Gas Department

Construction of the Building
for Gas Administration of
Mashhad

The employer :
National Iranian Gas Company,
Khorasan Razavi

Year :
2022 - 2025



Construction of Bank

Demolition and
Reconstruction of the Bank
Building

The employer :

Branches of the National Bank of Iran
General Department of Engineering and
Real Estate Affairs of Maskan Bank

Year :

2022 - 2024



Storage Tank

Execution of Floating-Roof Storage Tank Construction for Petroleum Products

The employer :
Iranian Oil Pipelines and Telecommunications Company

Year : 2025

Kahnouj Power Plant

Implementation of Electrical and Mechanical Installations for the Pumping Station and Energy Museum of Kahnouj Power Plant

The employer :
Mahtab Kahnouj Power Generation Company

Year :
2015 - 2017

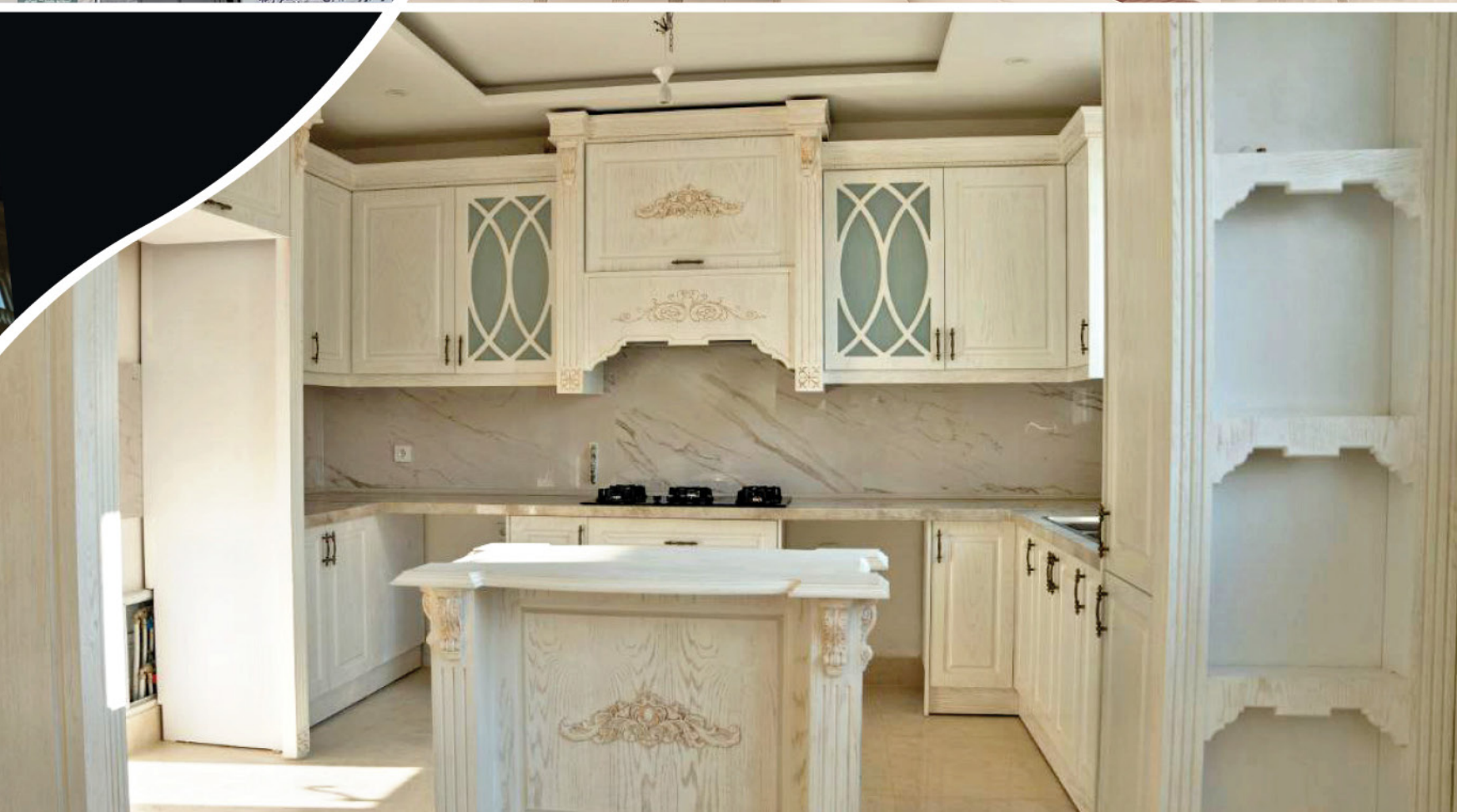


Residential Building

Design, Construction,
and Execution of
Residential Buildings

The employer :
Private sector

Year : 2019 - 2025



Fuel Stations

Construction of multiple oil product supply stations in Khorasan Province

The employer :

Mashhad Metropolitan Train Company, Mashhad Bus Organization and Private sector

Year :

2010



Arg Tire Factory

Construction of the Industrial Complex Buildings of Arg Kerman Tire Factory

The employer :
Kerman Arg Rubber Industrial Complex

Year : 2025 - 2026

Dormitory of Ferdowsi University

Construction of the Dormitory Building of Ferdowsi University of Mashhad Campus

The employer :
Ferdowsi University of Mashhad

Year :
2025 - 2026

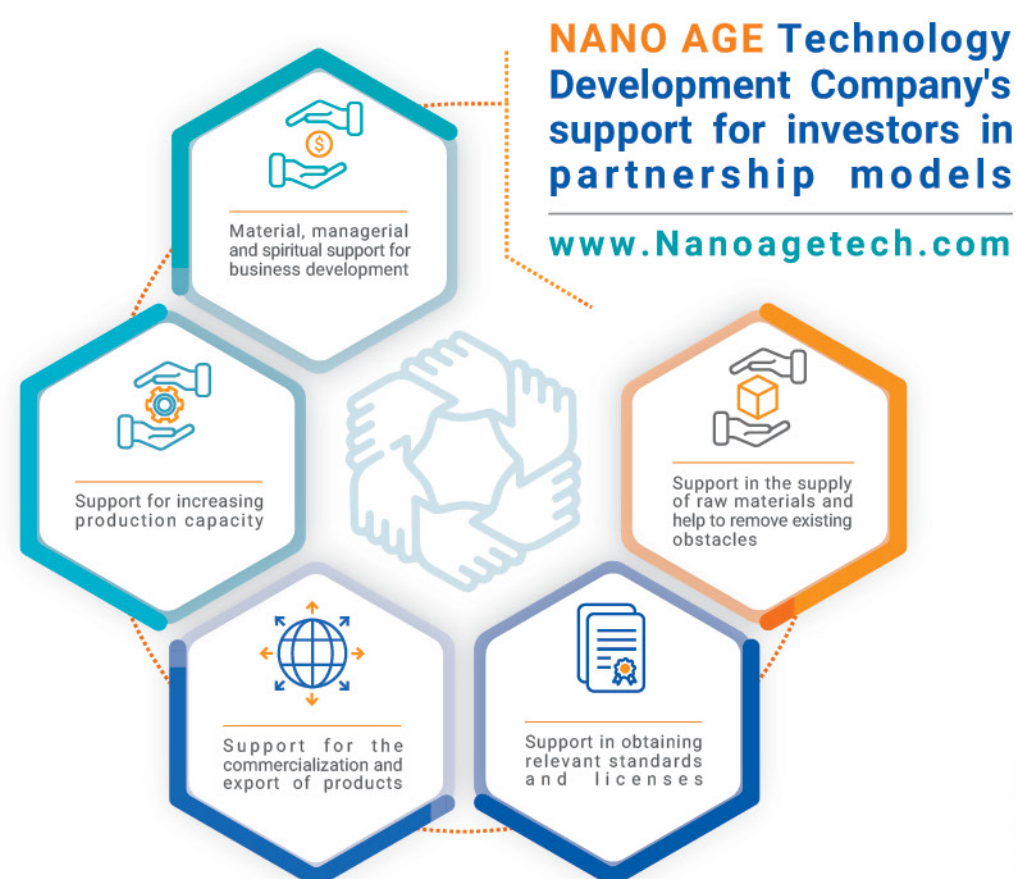


We invite you to the future

Investing in advanced technologies is a journey toward the future. Through strategic investments in emerging and transformative technologies, we position ourselves and our partners at the forefront of innovation, progress, and tomorrow's opportunities.

Our Priority Investment Areas :

- Processing of strategic and rare minerals
- Advanced, chemical, and composite materials
- Industrial equipment and systems
- Artificial intelligence and digital technologies



Nano Age Technology Development Company

Nano Age Technology Development Company, as a forward-thinking technology investor, seeks fair and mutually beneficial partnerships. We are ready to collaborate through various investment and participation models to help realize, commercialize, and scale up innovative and technology-based ideas that shape the future.

Current investments and partnerships :

- Kavosh Farayand Kavak Company
Mineral processing
- Mehrad Ramesh Maham Company (Mahaman)
Oil & Gas processing equipment
- Rastin Pazhohan Segal (MegaParking)
Advanced industrial structures





Kavosh Farayand Kavak Company

Active in the field of processing strategic and rare mineral stones

Current products :

High purity antimony ingot
High purity antimony trioxide powder

Future products :

- High purity tin ingot
- Lead, tin and antimony alloys
- Precious metals ingots
- Rare elements concentrate

Field of activity :

Mineral processing

 Mashhad, Khorasan Razavi Province, Iran
 www.kavak-co.com





**Mehrad
Ramesh
Maham**

Mehrad Ramesh Maham Company (Mahaman)

Manufacturer of various types of industrial gaskets for the oil, gas and petrochemical sectors

current products:

- Spiral wound Gaskets
- Ring joint Gaskets
- Special Gaskets in all classes

Field of activity :

Industrial equipment

📍 Sarakhs, Khorasan Razavi Province, Iran
🌐 www.mahaman-gasket.com



Acknowledgments

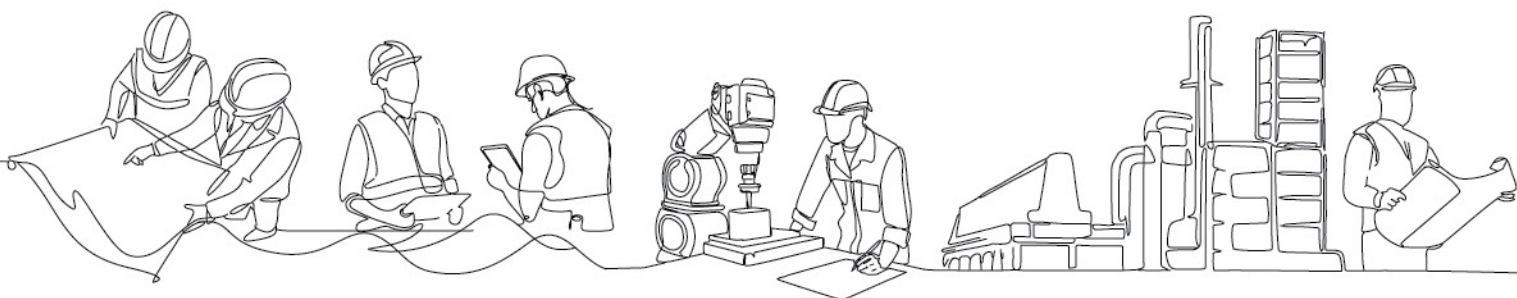




**Transforming
industries
through
technology,
innovation and
sustainable
solutions.**



WE BUILD TRUST IN NANO AGE



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