



**NOVIN F.E. Eng. &
Ind. Co.**

COMPANY PROFILE

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REV. : H1

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COMPANY PROFILE



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- **INTRODUCTION**

➤ **FOREWORD**

Novin Engineering & Industrial company started his activity on 1990 soon after its establishment at the same year.

Relying on its experienced & skilled technical and engineering staff, the company renders high-profile technical and engineering services. its field of activities generally includes design , engineering and construction of various industrial projects.

The shareholders and members of the boards of company enjoy diverse experiences and expertise in design and execution affairs of the large scale industrial projects who are also backed by specialized & efficient expert who are providing support & assistance as company's associates

➤ **FIELD OF ACTIVITY**

We are active in the following industries :

Power Plants
Gas Injection Stations
Oil Industries
Petrochemical Complex
Mines and Minerals plants

➤ **CAPABILITIES**

Engineering and Design
Procurement
Erection & Construction
Consulting
Commissioning
Manufacturing

❖ **ENGINEERING,PROCUREMENT AND CONSTRUCTION SERVICES(EPC)**

- ✓ Execution of water treatment projects on EPC (Engineering, Procurement, Construction) basis as follows:

Sea water intake & water treatment system by using the R.O. & desalination method(with the cooperation of Denmark ALFALAVAL Co.)

1.1. Demineralized water package project for power plants & other Industrial plants.

1.2. Demineralizing water systems for power plants & other industrial plants.

1.2. Potable water package project.

- ✓ Execution of engineering & procurement for subsidiary systems of Plants (like fire extinguishing, fuel supply ,utilities, compressed air, etc.)
- ✓ Execution of engineering for production line & assembling of industrial Units in various fields .
- ✓ Execution of engineering, procurement, construction of equipments & Performing the industrial projects on turnkey basis.
- ✓ Execution of engineering, selection & supply of equipment, Construction ,erection & commissioning of the industrial automation system.
- ✓ Maintenance , repair, replacement, renovation & refurbishment of industrial units in electronic & mechanical fields.
- ✓ Performing the engineering & technical services in the fields of mechanical ,electronic and control system
- ✓ Conducting the technical & economical studies, investigation on currently under way projects.
- ✓ Providing management services of project & proper & necessary cooperation and coordination between contractors and consultants activities, in large scale projects.

Evaluation and assessment of plant , production units , renovation and commissioning.



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❖ ERECTION & CONSTRUCTION SERVICES

- ✓ Erection and construction of all packages designed by us.
- ✓ Erection of mechanical equipments in different fields of mining and industrial sectors.
- ✓ Installation of Rotary and static equipments in petrochemical , oil & gas fields , refineries and power station plants.
- ✓ Installation and refractory casting of reformers .
- ✓ Prefabrication and erection of storage tanks (fixed and floating roof)
- ✓ Installation of electrical works in a.m. sectors
- ✓ Installation of instrumentation works in a.m. sectors
- ✓ Pre-commissioning of mechanical , electrical , instrumentation in a.m. sectors
- ✓ Commissioning of plants designed by us.

❖ CONSULTATION SERVICES

- ✓ All mechanical jobs concerning to the consultant engineering companies.
- ✓ All electrical and instrumentation affairs concerning to the consultant engineering companies.
- ✓ Project management and control



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OFFICES



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❖ OFFICES

The company's office is well equipped with special hardware & software required for engineering & design located at :

HEAD OFFIC: 10th. Floor, No.23, 33rd St., Kordestan Highway, Tehran, Iran



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ORGANIZATION CHART



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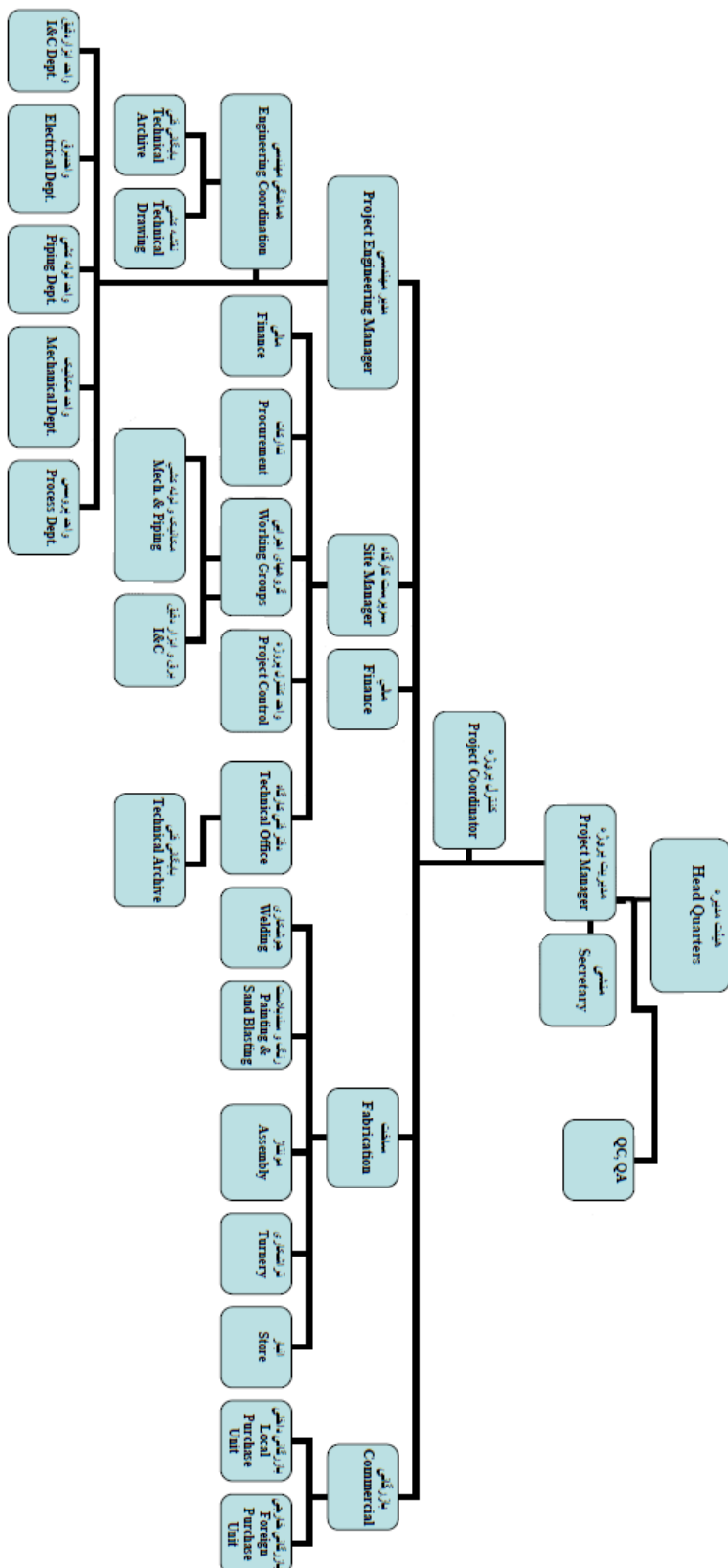
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Organization Chart





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MANAGERS RESUME



SUMMARY

DESCRIPTION



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❖ SUMMARY:

F. SHOJAEE

Head of Board

A. SADRZADEH

Executing Manager

A.R.KESHAVARZI

Managing Director



Faramarz Shojai

Title: Head Of Board

Date of Birth:

- ✓ 1946

Education:

- ✓ M.S. in mechanical engineer from Technical Faculty of Tehran University year 1967.
- ✓ M.A. in management from Industrial Management Organization year 1979.

Other training:

- ✓ Industrial design in Technology of Equipment Manufacturing in USSR.

Work experience:

- ✓ Isfahan Milling factory as technologue. Last responsibility was Vice president Of Repair Shop in production.
- ✓ Technican Co. as responsible of local manufacturing of Moghan Sugar factory.
- ✓ Ramdar Co. as shareholder responsible of technical affairs and project manager in the following projects:
 1. Erection and pre-commissioning of Maghareh Sazy Iran in Saveh.
 2. Erection and commissioning of Hamedan Dairy plant (supplier of Equipment was ALFALAVAL CO.).
 3. Erection & precommissioning of Khoramabad Dairy plant (supplier of Equipment was ALFALAVAL CO.).
 4. Completion of civil works, and erection of utilities and process equipments of Dezfol dairy plant.
 5. Civil works, fabrication & erection of storage tanks of tar unit in Shiraz refinery. (note 2)
 6. Gas pipe lines distribution network of zones E & F in city Ghom.(note 1)
 7. Design, fabrication and commissioning of coal tar coating line for gas pipe lines of Ramdar Co. Projects. (note 1)
- ✓ Sanat Karan Co. as share holder and project manager of the following projects :
 1. Revamping of heavy main Electrical motors of Kavian heavy milling factory (which were burned in war period) 2 main rotors each 4 MW DC El. Motors and many others (from ~500 KW to 3 KW) which war damaged by bombing in war period. Siemens (supplier) covered acceptance guarantee with only periodic check by their own expert during revamping.
 2. Erection and precommissioning of HAVC system of electrical rooms of Kavian heavy milling factory.
 3. Under ground piping of all utilities in Kavian heavy milling factory.
 4. Design of transport system of mills (which need repair)to repair shop in Kavian heavy milling factory

- ✓ NOVIN CO. as share holder (4 years as managing director) responsible of mechanical engineering department ,very short description is:
1. Design , manufacturing ,erection, commissioning and performance test guarantee figures of Automatic line for emptying casting molds consisting of hydraulic systems ,roller conveyors, punch & vibrating mechanism for emptying of molds, transport of casted parts empty molten and sands to different lines in coordination and synch ronous with other parts of the line .(client Ashtad Iran)
 2. Design, manufacturing ,erection and commissioning (on Turnkey basis)of roasting plant with capacity 20000 tons/y lead concentrate (converting lead sulfite to lead oxide) (client ministry of mines & metals)
 3. Design, manufacturing, erection and commissioning of So2 removal pilot plant (capacity of 22000 Nm3/hr) from off-gas system of Sarcheshmeh copper complex (this part of off –gas sucked out from out let ducts of converter unit).
 4. Anode rodding shop of Almahdi Aluminum complex (on turn key basic –EPC) (KEYSON–NOVIN–KAHANROBA joint venture)
 5. Design, manufacturing, erection & commissioning (EPC) of fertilizer plant for Golbon Bahar Co.
 6. Responsible of local portion (engineering , fabrication, civil works & erection) of desalination plant in phase 1 south pars (main contract between MAPNA & ALFALAVAL Denmark)
 7. Engineering (as: consultant engineering co.) of Anode Rodding shop for Almahdi Aluminum complex.
 8. Responsible of mechanical engineering for development of new refractory plant of Nasooz Keshvar Co.
 9. Engineering and supply of equipment for dedusting system of above mentioned project.

Remarks : Notes 1 & 2 are description to high - light personal experience in fuel

supply system:

Note 1)

Gas line distribution network of zones E & F in Ghom is done by Ramdar co.

In 1364

Personal responsibilty: ptoject manager (and share holder of Ramdar Co.)

1) Project consist of:

1-1) Piping:

3Km 12 " pipes

2Km 10" pipes

5 Km 6" pipes 2 Km 4" pipes

25 Km 2" pipes



1-2) Valving: from 2 " to 12 " welded neck valves, with pit valves for valves greater or equal to 6 ".

1-3) 2 cathodic protection station each consist of, well, anode and metering system for galvanic current, and compensation of it.

1-4) Surface preparation of pipes:

A sand blasting shop was established for cleaning the pipe surface to SA 2 ½, consist of 2 air compressor capacity of each 350 cfm with max pressure of 10 bar , 3 set of sand vessel , high pressure flexible tubes and related nozzles at the second half of each working shift after visual inspection and approved of pipe surfaces , surface was painted by special primer .

1-5) Coating system a coating shop was established in this system pipes automatically feeded to system and 2 coating bondage rolled on the pipe (Hot liquid coal tar feed on pipe before first bond, and between the first And second bonds) liquidification of coal tar took place in a mixer equipped With burner to warm it indirectly and temperature of mixer was controlled With in special limits, to prevent from over heating of it. Process was Continuous and designed by me and manufactured by our company and Was approved by NIGC.

1-6) Tests : all the test were NDT as below :

1-6-1) X-ray from 100% to 20% acc. Welders X-ray results

1-6-2) Holiday detection test: in two stages:

First: in coating shop

2 nd: after welding, X-Ray testing and manual rapping of welded Joints in site (before back -filling)

1-6-3) Hydrotest: is performed by compressed air (duration 24 hrs) with Preparation of pressure chart (pressure changes acceptable only with Temperature changes according related formula)

1-6-4) Current leak test of each zone (separated by insulators)

Note 2) 6 atmospheric tanks. With capacity of 1000 m³ each, with coil heaters, Were included in this project, civil works included.

Personal responsibility: project manager in 1362 in Shiraz refinery.



Arash Sadrzadeh

Title: Executing Manager

Date of Birth :

✓ 1962

Education :

✓ B.S in mechanical engineer Isfahan university

Other training :

Work experience :

- ✓ Site manager in Sanatkaran company for erection and commissioning of air-condition systems for electrical rooms , under & above ground in Kavian steel CO.(1988 –1989)
- ✓ Site manager in Olom engineer Co. , for erection and commissioning of concrete pipes in fasit Co. Ahvaz .(1989-1990)
- ✓ Site maneger in Elmatco Engineering Company for erection and commissioning of Kaolan factory in Marand and Banzen unit in Tabriz petrochemical complex. (1990-1992)
- ✓ Mechanical engineer department manager in Novin Company involved in following projects : (1992-1999)
 - Design , procurement erection and commissioning demin water treatment plant in Urmieh petrochemical complex.
 - Design , procurement erection and commissioning of SO2 removal pilot plant in Iranian cooper Industries Complex - Sarcheshmeh.
 - Design , manufacturing erection and commissioning of sintering of lead sulfide plant in Bafgh.
 - Design , manufacturing erection and commissioning of demin water treatment plant in Khark Island.
 - Design erection and commissioning of demin water treatment plant in Montazer Ghaem power station plant ,Tehran –Karaj.
- ✓ Direct maneger in Aronab CO. , (1999-2000)
 - Water treatment leading for Saipa Co.
 - Design , procurement, erection and commissioning of water treatment plant , R.O package in biotechnology (Khozestan cane-sugar factory) .
 - Design , procurement, erection and commissioning of water treatment plant (Kerman power station plant).
- ✓ Engineer department manager and execution manager in KWTC (2000-2003).



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- Design , procurement, erection and commissioning of water treatment plant (Assaloueh port phase 1).
- Design , procurement ,erection and commissioning of water treatment plant(Iranshahr power station plant).
- Design , procurement, erection and commissioning of water treatment plant (Noritazeh factory).
- Design , procurement ,erection and commissioning of water treatment plant (Arak petrochemical complex).
- Design , procurement erection and commissioning of treatment plant (Khaton Abad cooper factory).
- Design , procurement erection and commissioning of oil storage &transfer system (Damavand power station plant).
- ✓ Engineer department &project manager in Elmatco Engineering Company (2004-2006)
 - Design , procurement ,erection & commission of accurate flow metering in 44 production units,(NISOC)
 - Design ,procurement, erection & commissioning of masjed solayman production & desalting unit including oil storage tanks & 250 km oil transfer pipeline (NISOC)
- ✓ Execution department manager in NOVIN Company (2006-up now)
 - Kermanshah power plant (Fire fighting system ,fuel oil,Boiler)
 - Fars power plant (Fire fighting system,fuel oil,Boiler)
 - Yazd power plant (Water treatment plant)



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Ahmad Reza Keshavarzi

Title: Managing Director

Individual Information:

Date of Birth: 1972

e-mail: a.keshavarzi@novinfe.com

Education:

B.S., Mechanical Eng., Sharif University of Technology, Tehran, Iran 1990 – 1994
(Major in Thermo-Fluids)

M.S., Mechanical Eng. Tarbiat Modares University, Tehran, Iran 1995 – 1999
(Majors in Fluid Mechanics, Turbulance & CFD)

Experience:

Nov. 2009 up to now

Employer: NOVIN FANAVAR EHYA Ind.& Eng. Co.

Industry: EPC Company for Industrial Plants

Title: Eng. Manager, Managing Director from 2014

2005 – 2009

Employer: Elamtco Eng. Co.

Industry: EPC&MC Company for Industrial Plants

Title & Work Description:

May 2008 – up to now

Project Engineering Manager (Masjed Soleiman Oil Desalting Project)

Head of detail engineerin department for design of Masjed
Soleiman Desalting Plant in Masjed Soleiman-South of Iran
(Elmatco Co. is the EPC contractor of this project which its
client is NISOC National Iranian South Oil Co.)

2005 –2008

-Project Coordinator for Installation of CNG (Compressed Natural Gas)
stations (Client: IFCO, Iranian Fuel Conservation Organization Co.)

-Mech. Eng. for preparing tender documents and technical evaluation of
vendor's proposals for Industrial (Oil, Gas and Water & Waste Water
Treatment Plants and Networks)

-Project Coordinator for Procurement of Masjed Soleiman Desalting Plant

2004 - 2005

Employer: Arman Behin Sanat Eng. Co.



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Title: Engineering Coordinator and Head of Board

Type: Consulting and Contractor

Industry: EPC&MC Company for Industrial Plants

-Project manager for Fabrication and Installation of 25 m³ water elevated tank for Parand C.C.Power Plant. (Client: Istafer Co., Mapna Co.)

-Eng. Coordinator for Basic design, preparing tender documents and technical evaluation of vendor's proposals for Aux. Steam System for Kerman C.C. Power Plant.(Client: Sadra Sanat Co., Mapna Co.)

-Project manager for Design, Procurement, Construction and commissioning of HVAC and Piping system for Tehran English Embassy School Complex. (Client: English Embassy, SHELL Development Iran Co.)

-Project manager for Procurment of piping and wrapping materials for Fajr Petrochemical Power Plant.(Client: Alstom Power Co.)

-Engineering Coordinator for Designing, Design review and evaluation of technical documents related to mechanical, piping and utility department, preparation necessary documents for purchasing piping and mechanical items (like MR,TBA,...) ,preparing proposals for gas, power plants and HVAC systems of industrial and residential plants.

2003 - 2004

Employer: Hirbodan Eng. Co.

Title: Piping Engineer and Coordinator

Type: MC

Industry: EPC&MC Company for petroleum, gas, petrochemical and power plant Industries

Design review and evaluation of technical documents related to piping and utility department, preparation necessary documents for purchasing piping materials (like MR,TBA,...) for Ilam Gas Refinery. (Client: NIGC)

2002 -2003

Employer: Toseh Nirou Co.

Title: Mechanical Engineer and Coordinator

Type: General Contractor

Industry: Local procurement and Engineering of Local Part for Steam &

Power

Generation Plant and Iron Mine Projects

- 1- Preparation of technical and commercial proposal for local Supply &Engineering of SANGAN iron mine project as a joint venture with Italian company (Danieli Co.) (Client: NISCO)



- 2- Preparation of Procurement & erection price for Ignition system of Gas turbines of Kazeroon Power Plant (client: MAPNA)
- 3- Preparation of procurement price for workshop (Mechanical, electrical and Instrument) equipments of Shahid Rajaei and Fars power plants (client: MAPNA)

2002 -2002

Employer: Itok Iran Company

Title: Piping Engineer

Type: PMC (Project Manager Consultant)

Industry: Managing of Technical, Procurement and Erection of Gas Injection to Petrol Field of AGHAJAREE (South of Iran)

-Piping Engineer and coordinator for AGHAJAREE gas injection project, containing review of basic, detail and purchasing documents which were issued by foreign and Iranian companies (Foster Wheeler and Sazeh Eng. Co.) considering project requirements and international codes and standards. (Client: PEDEC)

1997 -2002

Employer: Falegh Sanat Co.

Title: Piping and Mechanical Engineer

Type: General Contractor

Industry: Turn Key procurement and Installation of Sugar Cane factories (7 factories in south of Iran)

Design, design review, inspection of purchased materials and erection of piping and HVAC systems for 7 sugar cane factories, specially design and stress analysis of high pressure steam lines.

Design, stress analysis(by Auto Pipe software), purchase engineering and supervision on installation of high pressure &Temp. steam lines for 3 cane sugar plants in south of Iran.

1997 -1997

Employer: IR-ATOM Co.

Title: Piping Department Engineer

Type: Consulting Engineers

Industry: BOOSHEHR Nuclear Power Plant

- 1- Mechanical engineer of piping department.
Hydraulic design and pipe stress analysis for second loop of power plant .Preparing and review of:
 - Hydraulic Calculation Sheets



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- Pipe Stress Calculation reports
 - 3000 sheets drawing such as Isometric, Piping
 - Arrangement, General layout, etc
 - Preparation of the System Description for all piping
-
- 2- Visual Inspection of all piping systems
 - 3- Preparation of Commissioning Manual for Mechanical Equipment
 - 4- Participation with Russian Experts for completion of design for
 - 5- Primary loop.

PROFESSIONAL ASSOCIATION

Member of Iranian Construction Engineers Organization

ADDITIONAL TRAINING AND CERTIFICATIONS

Auto Plant software training course (Tehran, Iran)
Auto Pipe software training course (Tehran, Iran)
CAESARII software training course (Tehran, Iran)
“Review of air compressors” course, Festo Co., Tehran, Iran
PMP (Project Management) Course (Tehran University, Iran)



Vahid Nazeran

Title: Engineering Manager

PERSONAL INFORMATION

- Nationality: Iranian
- Date of birth: 1960/10/31
- Field activity: Process Engineer

EDUCATION

- M.SC. of Chemical Engineering , Amirkabir (Polytechnic) University (1986 ~1989)
- B.SC. of Chemical Engineering, Amirkabir (Polytechnic) University (1992 ~1986)

BRIEF OF COMPANY RECORDS

- Fall 2012 up to now: Novin Fanavar Ehya Company
- Spring 2012 up to fall 2012: Samam Tamin Rastak Company
- Spring 2011 up to fall 2012: Sharifnad Company
- Spring 2002 up to spring 2011: K.E.E.C (Kherad Energy & Environment Company)
- Winter 1994 up to Spring 2002 : T.I.S.S Co.(Tehran Industrial Scientific Services Company)
- Spring 1986 up to Winter 1994 :Jahad-e-Daneshgahi of Amirkabir University (Research Department – Process Engineering Department)

LANGUAGE

- English
Reading (Excellent), Writing (Excellent), Speaking (Excellent)

COMPUTER'S SKILLS

- Process Engineering Software: Ion exchange calculation software, R.O. calculation software, Thermal engineering software for the power & cogeneration industries (Thermoflow)
- Drawing Software: AutoCAD
- Computer Model for Feasibility Analysis & Reporting (COMFAR III) software for



analysis of feasibility & opportunity study

PROFESSIONAL EXPERIENCE SUMMARY

- Basic, detail design and procurement for pretreatment by clarifier , thickening, dewatering, sludge treatment and handling, water treatment plant by ultra filtration system, reverse osmosis desalination system (brackish water or sea water type), ion exchange deionization to produce ultrapure water
- Basic, detail design and procurement for condensate (turbine & process) polishing (deep bed or precoat filter type)
- Basic, detail design and procurement for municipal water treatment system Basic, detail design and procurement for mechanical draft cooling tower
- Basic, detail design and procurement for utility supply including gas, steam, potable and service water, fire fighting and fuel (gas) oil.
- Basic, detail design and procurement for wastewater treatment plant by screening / grit removal, primary oil / water separation, secondary oil / water separation, biological treatment, biological clarification, tertiary treatment (filtration or activated carbon)
- Basic, detail design and procurement for disinfection treatment plant by gas chlorination or sea water based continuous electrochlorination
- Preparation of technical proposal and contract negotiation
- Feasibility (opportunity) study analysis
- Consultancy services in water and wastewater treatment including feasibility studies, system design, equipment specification, commissioning and training
- Review of process design, advice and technical support to the operator on a new treatment plant
- Conceptual design study for water and effluent treatment
- Process trouble shooting and design modifications
- Procurement engineering

PROCESS DOCUMENT TRANSMITTALS

- a. Process design criteria and calculation
- b. Equipment sizing calculation
- c. Plant equipment technical specification
- d. General arrangement drawing
- e. Piping & instrumentation diagram (P&ID)
- f. Process datasheet
- g. Line & valve List
- h. Block flow diagram (BFD)
- i. Process description
- j. Utility and chemical consumption list
- k. Utility flow diagram
- l. Process flow diagram (PFD)
- m. Heat and material balance calculation
- n. Painting & coating specification



- o. Control philosophy
- p. Valve & motor sequence
- q. Pre-commissioning, commissioning and operation manual
- r. Hazop study
- s. Performance guarantee test procedure
- t. Hydraulic calculation
- u. Cause & effect
- v. Laboratory & test equipment list
- w. Set point & alarm list
- x. Preliminary electrical load list
- y. As built document

BASIC & DETAIL DESIGN RECORDS

Basic, detail design and procurement for:

- Iranshahr Thermal Power Plant WTP
- Khatoon Abad Copper Melting Complex WTP
- South Pars Phase II project WTP (units 9130,9140,9150,9400)
- Sugar Cane Development & By Products Co.(Biotechnology Project) water treatment plant
- Water Treatment Plant of the 3rd Ammonia Project of Razi Petrochemical
- Basic , detail design and procurement for Utility supply including gas, steam, potable and service water, fire fighting and gas oil for Esfahan power plant
- Wastewater Treatment of Abadan Refinery Renovation Projects – Phase III
- Water Treatment of Abadan Refinery Renovation Projects – Phase III
- Water Treatment Plant (WTP) for Polymer Kermanshah Company
- Evaporative Induced Draft Counter Current Type Cooling Tower for Polymer Kermanshah Company
- Water Treatment of Ghaen Gas Turbine Open Cycle Power Plant
- Water Treatment of Shirkooh Yazd Power Plant
- Condensate Polishing Plant (CPP) of South Pars Central Power Plant in Assalouyeh (precoated filter technology)

COMMISSIONING & START UP RECORDS

- Iranshahr Thermal Power Plant WTP
- Khatoon Abad Copper Melting Complex WTP
- Sugar Cane Development & By Products Co.(Biotechnology Project) water treatment plant including pretreatment, treatment (RO desalination) and post treatment of Karoon river surface water
- Water Treatment Plant of the 3rd Ammonia Project of Razi Petrochemical
- Water Treatment of Abadan Refinery Renovation Projects – Phase III
- Water Treatment of Ghaen Gas Turbine Open Cycle Power Plant

- Potable and service water for Esfahan power plant
- Municipal water supply of Bandar Lengeh City (B.O.O) based on Persian Gulf sea water desalination and RO technology
- Potable and demin water of Shirkooch Yazd power plant

TENDER TECHNICAL PROPOSAL RECORDS

- Cooling tower unit for process plant of Esfahan refinery upgrading project
- Bandar Abbas city potable water desalination plant (B.O.O.T)
- Kavian demineralization unit project
- Condensate polishing plant (CPP) of 5650 MW thermal power plants
- Fuel oil & auxiliary steam systems for Islam Abad Gas Turbine Power plant
- Ramin Ahwaz Power Plant B.O.P
- Shazand Arak Power Plant B.O.P
- Water treatment unit for Kordestan Petrochemical Company
- Shirvan Combined Cycle Power Plant WTP & CPP
- Condensate deoiling unit package for South Pars Gas field Development Phase 12 onshore facilities
- Polishing water, potable water & waste effluent disposal unit package for South Pars Gas field Development Phases 13 & 14 onshore facilities
- Polishing water, potable water & waste effluent disposal unit package for South Pars Gas field Development Phases 22 ~ 24 onshore facilities
- Waste effluent disposal unit package for South Pars Gas field Development Phase 19 onshore facilities
- Condensate polishing system for Kaveh methanol plant
- Water treatment system for Persian Gulf gas condensate refinery
- Aabuzayd Abad Kashan city desalination plant (B.O.O) on reverse osmosis (RO) basis
- Charak city desalination plant (B.O.O) on Persian Gulf reverse osmosis (RO) basis
- Bandar Lengeh city desalination plant (B.O.O) on Persian Gulf reverse osmosis (RO) basis
- Water intake chlorination plant based on sea water continuous hypochlorite production for Qeshm Power & Water Generation Co.
- Demineralized water system for Hengam gas treatment plant
- Oily water separation system for Hengam gas treatment plant
- Chlorine gas scrubbing & neutralization system for Yazd Water & Wastewater treatment
- Qeshm chlorination plant
- Qeshm desalination (RO) plant (Phase II) on Persian Gulf reverse osmosis (RO) basis
- Qeshm sewage plant
- Water pre-treatment system designed to reduce algae and suspended solids of raw water which is supplied from Vahdat Dam for Sanandaj Power Plant
- Water Treatment Plant for Hengam Oil Field in the Persian Gulf
- Oily Water Separator Package for Hengam Oil Field in the Persian Gulf



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- Water Treatment Plant for Shadegan Steel Making Plant
- Municipal wastewater treatment of Sari city (second module)
- Water treatment plant (WTP) for Esfahan refinery
- Water treatment plant (WTP) for Entekhab petrochemical company in the special economical zone of Assaluyeh
- Assaluyeh city desalination plant (B.O.O) on Persian Gulf reverse osmosis (RO) basis
- Condensate polishing plant (CPP) of South Pars Central Power Plant in Assalouyeh
- Water treatment plant (WTP) of South Pars Central Power Plant in Assalouyeh
- Eshtehard City water desalination plant (B.O.O) for Alborz Water and Waste Water Company
- Water treatment plant (WTP) of Mazandaran II single shaft combined cycle power plant (CCPP)
- Condensate polishing system of Mazandaran II single shaft combined cycle power plant (CCPP)
- Condensate polishing Plant for Bushehr Petrochemical Company (BUPC)
- Water treatment plant (WTP) of Alborz Neopan Joonob (MDF) factory



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✦ IRANIAN COMPANY

- ELMATCO & ZENON Co.(JOINT VENTURS)
- AHAN SAY Co

✦ FORIGEN COMPANY

- IDRECO (ITALY)
- BROCHOT CO.(FRANCE)
- MACVIRO CONSULTANT Inc.(CANADA)
- AXIOM(AUSTRIA)
- AMW(AUSTRIA)



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FACILITIES AND MACHINERY



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FACILITIES :

Item	Description	Quantity	Unit
1	Crane 20 ton capacity	5	set
2	Rolling machine	2	set
3	Welding set for SMAW	18	set
4	Welding set for GMAW	4	set
5	Welding set for GTAW	15	set
6	Automatic Cutting machine (gas & oxygen)	3	set
7	Manual cutting set(gas & oxygen)	5	set
8	Plasma cutting machine	2	set
9	Crane 5 ton capacity	2	set
10	Column drill machine	1	set
11	Generator	3	set
12	Conex	10	set
13	Beveling machine	3	set
14	Sand blast and painting equipment	2	set
15	Air compressor	2	set
16	Gouging equipment	3	set
17	Torque wrench	1	set
18	Belt, wire & shackle for lifting	10	set
19	Pneumatic wrench	1	set
20	Pipe cutter	3	set



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21	T- form 5 ton	3	set
22	T- form 10 ton	2	set
23	Jack (Screw Type)5 ton	2	set
24	Jack (Screw Type) 10 Ton	1	set
25	Jack (Screw Type) 15 Ton	1	set
26	Hydrolic Jack10 Ton	1	set
27	Hydrolic Jack 20 Ton	1	set
28	Wrench (Ring , Spanner,..)	As Required	set
29	Screw Driver (All type)	As Required	set
30	Measuring Tape 3,5,7.5,10 m	As Required	set
31	Vernier Caliper	2	set
32	Micrometer (on 50) &(50~100)	1	set
33	Chain Block 3 Ton	4	set
34	Chain Block 5 Ton	2	set
35	Chain Block 1.5 Ton	3	set
36	Mini Grinder (4")	25	set
37	Grinder (7")	20	set
38	Theodolite	1	set
39	Surveying Level	1	set



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REFERENCE LIST (OF PROJECTS)



SUMMARY TABLE



DESCRIPTION



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REFERENCE LIST TABLE

Year Of Order	Project Description , Location Of Project & Client	Type Of Plant And Capacity	Scope Of Service	Project Status
1992	Tile Production Plant SAVEH Kashi Saveh Co.	Tile Production	Engineering & Manufacturing of Conveyors, Elevators Tanks & Vessels	Completed
1992	3.7 MW,11KV Synchronous Electrical Motors, 1Set KARANG Karang Gas Injection Plant, Unit 200 - 500 Ministry of Petroleum	----	Commissioning	Completed
1992	3.7 MW,11KV Synchronous Electrical Motors, 10 Sets KARANG-Karang Gas Injection Plant Unit 100 - 400 Ministry of Petroleum	----	Erection Supervision & Commissioning	Completed
1992	Casting Equipment HASHTGERD Ashtad Iran Co.	----	Engineering , Procurement , Construction(EPC) & Supervision of Civil Engineering	Completed
1992	Sand Conveying System HASHTGERD Ashtad Iran Co.	----	Engineering , Procurement & Manufacturing of All Equipment	Completed
1993	Demin Water Treatment Plant URMIEH Urmieh Petrochemical Complex	2 Unit Each Unit &Line Capacity 35 m ³ /h	Engineering , Procurement , Construction(EPC) & Commissioning	Completed
1993	Limestone Crushing , Screening & Piling Plant JAJARM Ministry of Mines & Metals	150'000 mt/y Production	Engineering , Procurement , Construction(EPC) & Commissioning	Completed
1994	Sintering of Lead Sulfide Plant BAFGH Ministry of Mines & Metals	20'000 t/y Production	Engineering , Procurement , Construction(EPC) & Commissioning	Completed
1995	Demin Water Treatment Plant TEHRAN-KARAJ (Montazer Ghaem Power Station) MAPNA International CO.	2 Unit Each Unit &Line Capacity 65 m ³ /h Conductivity : 0.1ms	Engineering , Procurement , Construction(EPC) & Commissioning	Completed



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Year Of Order	Project Description , Location Of Project & Client	Type Of Plant And Capacity	Scope Of Service	Project Situation
1995	Anode Roding & Backing Plant BANDAR ABBAS Almahdi Aluminum Co.	Phase 1: 110'000t/y Phase 2: 220'000t/y Phase 3: 330'000t/y	Engineering , Procurement , Construction(EPC) & Commissioning	Held By Client
1995	SO ₂ Removal Pilot Plant SARCHESHMEH Iranian Cooper Industries	22'000 Nm ³ /h Off Gas	Turn-Key	Completed
1996	Demin Water Treatment Plant KHARK ISLAND Khark Petrochemical Complex Methanol Plant	3 Unit Each Unit &Line Capacity 120 m ³ /h Conductivity : 0.1ms	Engineering , Supplying Manufacturing & Commissioning	Completed
1997	Precision Pipe Manufacturing SAVEH Loleh Daghigh Kaveh Co.	-----	Commissioning	Completed
1997	B.O.P. Production Line GHAZVIN – BOINZAHRA Ghazvin Shimianeh Co.	8'000 t/y Production	Engineering , Renovation, Erection & Commissioning	Completed
2001	Desalination unit ASSALOUYEH PORT Mapna-Petropars- (POGC)	Desalinate Water from sea water 3×2000 m ³ /day	Engineering,Sup. of local manufacturing Civil work,erection & pre-commissioning	Completed
2003	Dedusting System(Multicyclon Type) BIRJAND Nasooz Keshvar Co.	-----	Engineering & Procurement	Completed
2003	Anode Roding Shop BANDAR ABBAS Almahdi Aluminum Co.	Phase 1: 110'000t/y Phase 2: 220'000t/y Phase 3: 330'000t/y	Engineering & Consultant	Completed
2003	SEWAGE PUMPING PHASE 6 , 7 , 8 SADRA		Engineering , Procurement , Construction(EPC) & Commissioning	Completed



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Year Of Order	Project Description , Location Of Project & Client	Type Of Plant And Capacity	Scope Of Service	Project Situation
2004	WATER TREATMENT PACKAGE (DEMIN WATER FOR KPP & GLP) SALMAN Platform SADRA	2×R.O System for Haz.Area Q=2m ³ /h each	Engineering , Procurement , Construction(EPC) & Commissioning	Completed
2006	Factory Waste Water Treatment TEHRAN MAZDAK Co.	Industrial Waste Treatment unit	Engineering , Procurement , Construction(EPC) & Commissioning	Completed
2007	INJECTION PACKAGE MASJED SOLEIMAN PROJECT ELMATCO	6 packages for desalting project of masjed soleiman oil field.(Haz.Area)	Engineering & Procurement	Completed
2007	Yazd Solar Thermal Power Plant MAPNA	Water Treatment plant for Demin & potable and service water Q=2×53 m ³ /hr	Engineering , Procurement , Construction(EPC) & Commissioning	Completed
2008	Ali Abad Power Plant MAPNA CO.	Water treatment & fire fighting and fire alarm System	Engineering , Procurement , Construction(EPC) & Commissioning	Completed
2009	Sanandaj Power Plant- WTP- MAPNA CO.	Water treatment plant for demin & potable and service water Q=2 x 62m ³ /hr	Engineering , Procurement , Construction(EPC) & Commissioning	Completed
2009	Kermanshah Power Plant MAPNA CO.	Water treatment plant , fire fighting & fire alarm system , natural gas & fuel oil storage tanks & distribution systems, aux.boilers & steam	Engineering , Procurement , Construction(EPC) & Commissioning	Completed
2009	Almahdi Aluminium CO.	Gereen mill anod project	Consultant	Completed
2010	Fars Power plant MAPNA CO.	Water treatment plant , fire fighting system , natural gas & fuel oil storage tanks & distribution systems, aux. boilers & steam	Engineering , Procurement , Construction(EPC) & Commissioning	Completed



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2011	SOUTH PARS GAS FIELD DEVELOPMENT PHASE 14 POGC	Polishing water package(unit 127) ,Remineralization and condishioning potable water package(unit 128) , water waste effluent disposal and network (unit 129)	Engineering , Procurement , (Joint with KEEC)	In Hand
2012	FARAB Yazd Power Plant MAPNA CO. (MD2)	CPP	Procurement	Completed
2015	Condensate Polishing Plant, Central Combined Cycle Power Plant of South Pars FARAB Co.	Pre-Coat Type Condensate Polishing Plant, 670m3/hr	EPC	In Hand



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Project : ***TILE PRODUCTION PLANT***

Client : Kashi Saveh Co.

Owner : -----

Site Location : Saveh

Project Description : Scope of local manufacturing covered ~350 ton steel work
Including silos , pressure vessels made of stainless and carbon
Steel and different types of belt conveyors and bucket elevators.

Scope of Work : Engineering , manufacturing and delivery of all mechanical and
electrical equipments , erection and running test guarantee.

Year of Order : 1992

Project Status : Completed

Project Value : 870 million Rials



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Project : *3.7 MW,11kv Synchronous Electrical Motors, 1Set*

Client : Karang Gas Injection Plant , Unit 200 - 500

Owner : Ministry of Petroleum

Site Location : KARANG

Project Description : Project is Gas injection in wells, precommissioning and commissioning of 3.7 MW synchronous electric motors , (became of absence of English supervisor was stopped) is performed by our specialist .

Scope of Work : Commissioning of one set .

Year of Order : 1992

Project Status : Completed

Project Value : 50 Million Rials



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Project : *3.7 MW, 11kv Synchronous Electrical Motors, 1Set*

Client : Karang Gas Injection Plant , Unit 200 - 500

Owner : Ministry of Petroleum

Site Location : KARANG

Project Description : In there units ,supervisory of erection of 3.7 KW synchronous motors and their commissioning is performed by our specialist.

Scope of Work : Erection supervising & commissioning of 10 sets .

Year of Order : 1992

Project Status : Completed

Project Value : 5 Billion Rials



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Project : *CASTING EQUIPMENT*

Client : Ashtad Iran Co.

Owner : -----

Site Location : Hashtgerd

Project Description : Design and construction of emptying the casting molds line including hydraulic systems , vibrators , conveyors and etc. this line operating manually and automatically.

Scope of Work : Engineering , basic and detail design , procurement, manufacturing and delivery of all mechanical and electrical equipments , supervision of civil engineering , erection and commissioning.

Year of Order : 1992

Project Status : Completed

Project Value : -----



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Project : *SAND CONVEYING SYSTEM*

Client : Ashtad Iran Co.

Owner : -----

Site Location : Hashtgerd

Project Description : Transportation equipments for transport of sands from different paints to last stage silo.

Scope of Work : Engineering , basic and detail design , procurement, manufacturing and delivery of all mechanical and electrical equipments.

Year of Order : 1992

Project Status : Completed

Project Value : -----



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Project : ***DEMIN WATER TREATMENT PLANT***

Client : Urmieh Petrochemical Complex

Owner : -----

Site Location : Urmieh

Project Description : In order to supply demineralized water for petrochemical complex 2 unit with capacity of 70 m³/h (each unit 35 m³/h) designed and constructed .

Scope of Work : Engineering , procurement and construction(EPC) commissioning

Year of Order : 1993

Project Status : Completed

Project Value :

Joint Venture : KHERAD - NOVIN



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Project : ***LIMESTONE CRUSHING , SCREENING
AND PILING PLANT***

Client : Ministry of mines and metals

Owner : Ministry of mines and metals

Site Location : Jajarm

Project Description :

Lime stone unit : -Crushing of stone
-Sizing
-Pilling
-With capacity of 2000 t/day
-Feeding to lime kiln rate of 190 t/hr

Scope of Work : Engineering , basic and detail design , procurement, manufacturing and delivery of all mechanical and electrical equipments , erection , commissioning and start up.

Year of Order : 1993

Project Status : Completed

Project Value : 3.5 Billion Rials

Joint Venture : KHERAD - NOVIN



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Project : *SINTERING OF LEAD SULFIDE PLANT*

Client : Ministry of mines and metals

Owner : Ministry of mines and metals

Site Location : Bafgh

Project Description : Roasting plant : the aim of project was to convert PBS concentrate to PBO .which can be fed in production line designed for PB production in Iran.
Plant consist of mixing of concentrate with additives & granitite of them to size 8 to 12 mm , and feed to sinter machine (sintering surface 14 m2) & sizing and different transportation & storing equipments ,dust collection system and...

Scope of Work : Engineering , basic and detail design , procurement, manufacturing and delivery of all mechanical and electrical equipments , commissioning and start up supervision.

Year of Order : 1994

Project Status : Completed

Project Value : 5 Billion Rials + 200'000 US \$

Joint Venture : NOVIN & KAHANROBA.CO



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Ind. Co.

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Project : ***DEMIN WATER TREATMENT PLANT***

Client : MAPNA International Co.- Montazer Ghaem Power Station

Owner : Iran Power Development Co.

Site Location : Tehran - Karaj

Project Description : In order to supply demineralized water for Montazer Ghaem power station consist of 2 unit with capacity of 170 m³/h (each unit 65 m³/h) designed and constructed .

Scope of Work : Engineering , procurement and construction(EPC)
local manufacturing , preparation of bulk materials
and equipments , erection and commissioning.

Year of Order : 1995

Project Status : Completed

Project Value : 1 Million US \$ & 5 Billion Rials

Joint Venture : KHERAD - NOVIN



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Ind. Co.

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Project : *ANODE RODING & BACKING PLANT*

Client : Almahdi Aluminum Co.

Owner : Ministry of Mines & Metals

Site Location : Bandar Abbas

Project Description : Anode rodding shop (in Aluminum factories) is responsible for renovation of used anodes and recycled of bath and butt materials.

Scope of Work : Engineering , basic and detail design for all disciplines procurement, manufacturing and delivery of all necessary mechanical and electrical equipments , civil works , erection , commissioning & start up.

Year of Order : 1995

Project Status : Held by client

Project Value : 50 B. Rials

Joint Venture : KAYSON , NOVIN , KAHANROBA



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Ind. Co.

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Project : *SO₂ REMOVAL PILOT PLANT*

Client : Iranian Copper Industries

Owner : Ministry of Mines & Metals

Site Location : Sarcheshmeh

Project Description : To remove SO₂ from stack gases of cooper smelting plant the a.m. pilot plant designed and constructed.
This project was designed for roasting plant in bafgh but ,as a pilot plant successfully established and commissioned in Sarcheshmeh copper complex .
capacity of this pilot plant is 20'000 Nm³ /hr off gas containing 5 to 12 % SO₂ in inlet gas and less than 500 ppm in outlet gas.

Scope of Work : Turn-Key

Year of Order : 1995

Project Status : Completed

Project Value : 200,000 US \$ & 1.5 Billion Rials

Joint Venture : NOVIN CO. & KAHANROBA CO.



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Project : *DEMIN WATER TREATMENT PLANT*

Client : Khark Methanol Petrochemical complex

Owner : National Petrochemical co.

Site Location : Khark Island

Project Description : In order to supply demineralized water for Khark Metanol petrochemical complex , 3 unit with capacity of 360 m³/h (each unit 120 m³/h) designed and constructed .

Scope of Work : Engineering , procurement and construction(EPC)
local manufacturing , preparation of bulk materials
and equipments , erection and commissioning.

Year of Order : 1995

Project Status : Completed

Project Value : 2 Million US \$ & 2 Billion Rials

Joint Venture : KHERAD - NOVIN



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Project: ***PRECISION PIPE MANUFACTURING***

Client: Loleh Daghigh Kaveh Co.

Owner: Loleh Daghigh Kaveh Co.

Site Location: Saveh

Project Description: The plant is for production of precise pipes .This factory was bought as second hand .Our responsibility in this project was to study needs for mechanical and control devices which lost for commissioning , fulfill of technical document , and commissioning of plant .

Scope of Work : Commissioning.

Year of Order : 1997

Project Status : Completed

Project Value : 300 million Rials

Joint Venture : -----



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Project : ***B.O.P. PRODUCTION LINE***

Client : Ghazvin Shimianeh Co.

Owner : Ghazvin Shimianeh Co.

Site Location : Ghazvin - Boinzahra

Project Description : The plant was for production of very thin polymer sheets (micron range). Plant bought as second hand .Our responsibility was study of equipment (mechanical , electrical control , instruments , PLCS & programs) ,preparation of needed technical document ,renovation of them , erection and taking part in commissioning .

Scope of Work : Engineering , renovation , erection , commissioning & start up.

Year of Order : 1997

Project Status : Completed

Project Value : 500 million Rials

Joint Venture : -----



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Project : *ANODE RODDING SHOP PLANT*

Client : Almahdi Aluminum Co.

Owner : Ministry of Mines & Metals

Site Location : Bandar Abbas

Project Description : Anode rodding shop in Almahdi Aluminum Complex is designed , constructed and equipped to renovate used anodes and recycle bath and butt material for use in process once more.
Our responsibility is as consultant engineering for coordination of foreign design and foreign supply equipment and local supply equipments .Design of local supply equipments , MCC panels , civil and control system design and inspection of local fabrication , civil works , erection and taking part in commissioning .

Scope of Work : Engineering and consultant.

Year of Order : 2003

Project Status : Completed

Project Value : 2.7 Billion Rials

Joint Venture : -----



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Project : *DEDUSTING SYSTEM(MULTICYCLON TYPE)*

Client : Nasooz Keshvar Co.

Owner : Nasooz Keshvar Co.

Site Location : Birjand

Project Description : Expansion of refractory plant our responsibility is design manufacturing and supply of mechanical , electrical & control of dedusting system for

Scope of Work : Engineering and procurement.

Year of Order : 2003

Project Status : Completed

Project Value : 1 billion Rials

Joint Venture : -----



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Project : *DESALINATION UNIT*

Client : MAPNA (Petropars)

Owner : POGC

Site Location : Assalouyeh port

Project Description : South pars phase 1 – Desalination unit propose of this unit is To produce $3 \times 2000 \text{ m}^3$ /day desalinate water from see water. Contract was signal between ALFALAVAL –Denmark & MAPNA .

Our responsibility : Engineering & supply of local manufacturing equipment (Auxiliary Boiler , off spec –tank , steel structure ,daily oil tank, dearator , blower) civil work (design and execution)total erection of unit preparation of documents for hydrates ,ECC (erection and construction ,completion), precommissioning and cooperation in commissioning .

Scope of Work : Complete Engineering procurement & Construction of unit (PEC)

Year of Order : 2001

Project Status : Completed

Project Value : ~ 5 million US \$ (Local portion ~ 1.5 million US \$)



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Project : ***FACTORY WASTE WATER TREATMENT***

Client : MAZDAK Co.

Owner : MAZDAK Co.

Site Location : Tehran

Project Description : Waste water treatment of painting department of Mazdak factory, which included oily effluent, chemicals & heavy metals. The treated water was in accepted range and approved by IEPO.

Scope of Work: Engineering ,Procurement ,Construction(EPC) & Commissioning.

Year of Order: 2006

Project Status : Completed

Project Value: -----

Joint Venture: -----



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Project : ***WATER TREATMENT PLANT FOR YAZD POWER PLANT***

Client : MAPNA-MD2

Site Location : Yazd

Scope of Work : Engineering ,Procurement ,Construction(EPC) & Commissioning.

Year of Order : 2008

Project Status : Completed

Project Value : 35.000.000.000 RLS

Joint Venture : -----



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Project : ***WATER TREATMENT PLANT& FIRE FIGHTING
SYSTEM FOR ALIABAD POWER PLANT***

Client: MAPNA-MD1

Site Location: ALI ABAD KATOUL

Scope of Work: Engineering, Procurement, Construction (EPC) & Commissioning.

Year of Order: 2008

Project Status: Completed

Project Value: 46.000.000.000 RLS

Joint Venture: -----



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Project : ***WATER TREATMENT PLANT FOR SANANDAJ
POWER PLANT***

Client : MAPNA-MD2

Site Location: Sanandaj

Scope of Work: Engineering, Procurement, Construction (EPC) & Commissioning.

Year of Order: 2009

Project Status: Completed

Project Value: 38.000.000.000 RLS

Joint Venture: -----



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Project : ***WATER TREATMENT PLANT& FIRE FIGHTING
SYSTEM GAS & FUEL SYSTEM FOR KERMANSHAH
POWER PLANT***

Client : MAPNA-MD1

Site Location : Kermanshah

Scope of Work : Engineering ,Procurement ,Construction(EPC) & Commissioning.

Year of Order : 2009

Project Status : Completed

Project Value : 143.000.000.000 RLS

Joint Venture : -----



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Project : ***WATER TREATMENT PLANT& FIRE FIGHTING
SYSTEM GAS & FUEL SYSTEM FOR FARS POWER
PLANT***

Client : MAPNA-MD1

Site Location: Shiraz

Scope of Work: Engineering ,Procurement ,Construction(EPC) & Commissioning.

Year of Order: 2010

Project Status: Completed

Project Value : 104.900.000.000 RLS

Joint Venture : -----



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Project : ***WATER TREATMENT POLISHING, POTABLE &
WASTE WATER TREATMENT PACKAGES, SOTH
PARS PHASE 14***

Client : MAPNA-NEYER PERS

Site Location : SOUTH PARS-ASALUYEH

Scope of Work : Engineering ,Procurement

Year of Order : 2011

Project Status : In Hand

Project Value : **3,813,000 Euro + 31,838,000,000 RLS**

Joint Venture : Joint Venture with KEEC Co.



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Project : ***WATER TREATMENT PLANT FOR SHIRKOOH
YAZD POWER PLANT***

Client : FARAB Co.

Site Location: Yazd

Scope of Work: Engineering ,Procurement ,Construction(EPC) & Commissioning.

Year of Order: 2012

Project Status: Completed

Project Value : 64,000,000,000 RLS + 1,000,000 Euro

Joint Venture : -----



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Project : *CONDENSATE POLISHING PLANT FOR
CENTRAL COMBINED CYCLE POWER PLANT-SOUTH PARS*

Client : FARAB Co.

Site Location: SOUTH PARS-ASALUYEH

Scope of Work: Engineering ,Procurement ,Construction(EPC) & Commissioning.

Year of Order: 2015

Project Status: In Hand

Project Value : 28,000,000,000 RLS + 3,300,000 Euro

Joint Venture : -----



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CERTIFICATES



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HOME CERTIFICATE

Management system as per

HSE-ME

Health and Safety Executive – Management system

In accordance with TÜV AUSTRIA-IRAN CERT procedures, it is hereby certified that

شرکت فنی و مهندسی نوین فن آور احیا

ایران - تهران، خیابان کارگر شمالی، خیابان هفتم، کوچه هفتم، پلاک ۴، طبقه دوم

applies a management system in line with the above standard for the
following scope

مهندسی، تدارکات، ساخت و نظارت بر پروژه های انرژی

Certificate Registration No, 80 600 03027165

Valid until 08-03-2014



Vienna, 02-03-2017

This certification was conducted in accordance with TÜV AUSTRIA-IRAN CERT auditing and certification procedures and is subject to regular surveillance audits.

HSE-MS

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HOME CERTIFICATE

Management system as per

HSE-ME

Health and Safety Executive – Management system

In accordance with TÜV AUSTRIA-IRAN CERT procedures, it is hereby certified that

Novin Fanavar Ehya Engineering And Industrial Co.
2nd Floor, No.4, 7 Alley, 7 Street, Northern Karegar Avenue
Tehran-Iran

applies a management system in line with the above standard for the
following scope

**Engineering, Procurement, Construction & Supervision
Of Energy Projects**

Certificate Registration No, 80 600 03027165

Valid until 08-03-2014

TÜV AUSTRIA - IRAN

Vienna, 02-03-2017

This certification was conducted in accordance with TÜV AUSTRIA-IRAN CERT auditing and
certification procedures and is subject to regular surveillance audits.

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HSE-MS



NOVIN F.E. Eng. &
Ind. Co.

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IMS

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HOME CERTIFICATE

Management system as per
IMS
Integrated Manegment System

In accordance with TÜV AUSTRIA-IRAN CERT procedures, it is hereby certified that

شرکت فنی و مهندسی نوین فن آور احیا

ایران- تهران، خیابان کارگر شمالی، خیابان هفتم، کوچه هفتم، پلاک ۴، طبقه دوم

applies a management system in line with the above standard for the
following scope

مهندسی، تدارکات، ساخت و نظارت بر پروژه های انرژی

Certificate Registration No, 50 100 04003762

Valid until 08-03-2014

TÜV AUSTRIA - IRAN



Vienna, 02-03-2017

This certification was conducted in accordance with TÜV AUSTRIA-IRAN CERT auditing and certification procedures and is subject to regular surveillance audits.



NOVIN F.E. Eng. &
Ind. Co.

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IMS

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HOME CERTIFICATE

Management system as per

IMS

Integrated Manegment System

In accordance with TÜV AUSTRIA-IRAN CERT procedures, it is hereby certified that

Novin Fanavar Ehya Engineering And Industrial Co.
2nd Floor, No.4, 7 Alley, 7 Street, Northern Karegar Avenue
Tehran-Iran

applies a management system in line with the above standard for the
following scope

Engineering, Procurement, Construction & Supervision
Of Energy Projects

Certificate Registration No, 50 100 04003762

Valid until 08-03-2014

Vienna, 02-03-2017



This certification was conducted in accordance with TÜV AUSTRIA-IRAN CERT auditing and certification procedures and is subject to regular surveillance audits.



NOVIN F.E. Eng. &
Ind. Co.

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CERTIFICATE



Health & Safety Management System as per OHSAS 18001:2007

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

شرکت فنی و مهندسی نوین فن آور احیا
ایران - تهران، خیابان کارگر شمالی، خیابان هفتم، کوچه هفتم، پلاک ۴، طبقه دوم

applies a management system in line with the above standard for the
following scope

مهندسی، تدارکات، ساخت و نظارت بر پروژه های انرژی

Certificate Registration No. 20 300 01005234

Valid until 08-03-2014

R. Foshkin

Certification Body
At TÜV AUSTRIA CERT GMBH

Vienna, 02-03-2017

This certification was conducted in accordance with TÜV AUSTRIA CERT auditing and certification
procedures and is subjected to regular surveillance audits.
TÜV AUSTRIA CERT GMBH krugerstraße 16 A-1015 Wien www.tuv.at





NOVIN F.E. Eng. &
Ind. Co.

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CERTIFICATE



**Health & Safety Management System as per
OHSAS 18001:2007**

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

**Novin Fanavar Ehya Engineering And Industrial Co.
2nd Floor, No.4, 7th Alley, 7th Street, Northern Karegar Avenue
Tehran-Iran**

applies a management system in line with the above standard for the
following scope

**Engineering, Procurement, Construction & Supervision
Of Energy Projects**

Certificate Registration No. 20 300 01005234

Valid until 08-03-2014

Certification Body
At TÜV AUSTRIA CERT GMBH

Vienna, 02-03-2017

This certification was conducted in accordance with TÜV AUSTRIA CERT auditing and certification
procedures and is subjected to regular surveillance audits.
TÜV AUSTRIA CERT GMBH krugerstraße 16 A-1015 Wien www.tuv.aut



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Ind. Co.

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CERTIFICATE



Environmental Management System as per ISO 14001:2004

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

شرکت فنی و مهندسی نوین فن آور احیا

ایران - تهران، خیابان کارگر شمالی، خیابان هفتم، کوچه هفتم، پلاک ۴، طبقه دوم

applies a management system in line with the above standard for the
following scope

مهندسی، تدارکات، ساخت و نظارت بر پروژه های انرژی

Certificate Registration No. 20 400 03007356

Valid until 08-03-2014

R. Foshkin

Certification Body
At TÜV AUSTRIA CERT GMBH

Vienna, 02-03-2017

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NOVIN F.E. Eng. &
Ind. Co.

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CERTIFICATE



Environmental Management System as per ISO 14001:2004

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

Novin Fanavar Ehya Engineering And Industrial Co.
2nd Floor, No.4, 7th Alley, 7th Street, Northern Karegar Avenue
Tehran-Iran

applies a management system in line with the above standard for the
following scope

Engineering, Procurement, Construction & Supervision Of Energy Projects

Certificate Registration No. 20 400 03007356

Valid until 08-03-2014

R. Fakhri

Certification Body
At TÜV AUSTRIA CERT GMBH

Vienna, 02-03-2017

This certification was conducted in accordance with TÜV AUSTRIA CERT auditing and certification
procedures and is subjected to regular surveillance audits.
TÜV AUSTRIA CERT GMBH krugerstraße 16 A-1015 Wien www.tuv.at



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گواهینامه

سیستم مدیریت مبتنی بر
EN ISO 9001 : 2008

مطابق با روش‌های اجرایی TÜV NORD CERT. گواهی می‌نماید که



شرکت مهندسی و صنعتی نوین فن‌آور احیاء
تهران، خیابان کارگر شمالی، خیابان هفتم، بن‌بست هفتم، پلاک ۴

سیستم مدیریت را در پیروی از استاندارد بالا برای دامنه کاربرد تشریح شده در زیر، بکار می‌گیرد

ارائه خدمات مشاوره، طراحی، مهندسی، تأمین، مدیریت
و نظارت بر ساخت پروژه‌های انرژی و صنایع (EPC)

دارای اعتبار تا تاریخ: 2016-01-27
تاریخ نخستین صدور گواهینامه: 2010

شماره ثبت گواهینامه: 44 100 105878
شماره گزارش ممیزی: 3332 100 R 13023

Tehran, 2013-01-28

مرجع صدور گواهینامه در
TÜV NORD CERT GmbH

صدور این گواهینامه مطابق با روش‌های اجرایی ممیزی و صدور گواهینامه TÜV NORD CERT انجام شده است
و ممیزی‌های مراقبتی مقرر را به همراه خواهد داشت.

TÜV NORD CERT GmbH

Langemarckstrasse 20

45141 Essen

www.tuev-nord-cert.com



TGA-ZM-07-06-00

CERTIFICATE

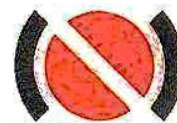
**TUV NORD**

Management system as per
EN ISO 9001 : 2008

In accordance with TÜV NORD CERT procedures, it is hereby certified that

**NOVIN FANAVAR EHYA
ENGINEERING & INDUSTRIAL CO.**

No. 4, 7th Alley, 7th St., North Karegar St., Tehran, Iran



NOVIN F.E. Eng. & Ind. Co.

applies a management system in line with the above standard for the following scope

**Providing Consulting, Design, Engineering,
Procurement, Construction, Management & Supervision
on Manufacturing of Energy & Industrial Projects (EPC)**

Certificate Registration No. 44 100 105878

Valid until 2016-01-27

Audit Report No. 3332 100 R 13023

Initial certification 2010



Certification Body at

Tehran 2013-01-28

TÜV NORD CERT GmbH

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH

Langemarckstrasse 20

45141 Essen

TÜV NORD CERT GmbH



TGA-ZM-07-06-00



ریاست جمهوری

سازمان مدیریت و برنامه ریزی کشور

گواهینامه صلاحیت پیمانکاری

جناب آقای احمد رضا کشاورزی

مدیر عامل محترم شرکت مهندسی صنعتی نوین فن آور احیا

شماره ثبت: ۱۹۸۹۹۹

با استناد به مصوبه شماره ۴۸۰۱۳/ت/۲۳۲۵۱ هـ مورخ ۱۳۸۱/۱۲/۱۱ هیأت محترم وزیران و با توجه به احراز شرایط لازم و تأیید صلاحیت آن شرکت در سامانه جامع تشخیص صلاحیت عوامل نظام فنی اجرایی، به این وسیله صلاحیت آن شرکت برای انجام امور پیمانکاری از تاریخ صدور این گواهینامه تا پایان دوره ارزشیابی و حداکثر تا تاریخ ۱۳۹۸/۰۶/۲۸ اعلام می گردد.

شناسه ملی شرکت: ۱۰۱۰۲۴۰۸۱۵۰

خواهشمند است برای مشاهده جزئیات گواهینامه صادره به پایگاه

<http://sajar.mporg.ir> مراجعه فرمائید.

رعایت قانون برگزاری مناقصات، موضوع ابلاغیه شماره ۱۳۰۸۹۰ مورخ ۱۳۸۳/۱۱/۱۷ رئیس مجلس شورای اسلامی، آیین نامه های اجرایی مربوطه و ظرفیت کاری مجاز در زمان ارجاع کار توسط آن شرکت ضروری است.

غلامحسین حمزه مصطفوی
رئیس امور نظام فنی و اجرایی

- هرگونه تغییر در ارکان و سهام شرکت و اطلاعات امتیازآوران (مدیرعامل، هیأت مدیره و کارکنان امتیازآور)، باید حداکثر ظرف مدت سه ماه در سامانه ساجات (<http://sajat.mporg.ir>) ثبت و ارسال شود.
- هر قرارداد جدید حداکثر ظرف مدت سه ماه پس از انعقاد قرارداد و صورت وضعیت های جدید پس از تأیید کارفرما باید در سامانه ساجات ثبت شود، تا امتیاز آنها هنگام تشخیص صلاحیت دوره بعد و آزادسازی ظرفیت منظور شود.

در صورت مغایرت مطالب این گواهینامه با اطلاعات موجود در پایگاه <http://sajar.mporg.ir>، اطلاعات پایگاه اصالت دارد.

به متدرجات پشت صفحه گواهینامه توجه فرمایید.

برخی از موارد مهم آیین نامه ها، ضوابط تشخیص صلاحیت و ارجاع کار پیمانکاران

- ۱- تمام دستگاه های مشمول بند «ب» ماده (۱) قانون برگزاری مناقصات باید از شرکت های دارای گواهینامه صلاحیت و ظرفیت آزاد کاری برای ارجاع کار استفاده کنند و اطلاعات قراردادهای منعقد و گزارش عملکرد آن را به مرجع صدور گواهینامه اعلام کنند.
- ۲- شرکت در مناقصات توسط شرکت های پیمانکاری منوط به داشتن ظرفیت آزاد کاری و نیز «معتبر» بودن گواهینامه شرکت در سامانه ساجار (<http://sajar.mporg.ir>) است.
- ۳- مسئولیت صحت اطلاعات درج شده، حفاظت از شناسه کاربری و گذرواژه شرکت در سامانه ساجات در فرآیند تشخیص صلاحیت بعهد شرکت و مدیران آن می باشد.
- ۴- عدم صحت اطلاعات تنظیم شده در پرونده تشخیص صلاحیت و یا پیوست های الصاقی و ارائه اسناد غیر واقعی، درج نام افراد بصورت صوری، عدم جایگزینی افراد امتیازآور خارج شده از شرکت و یا سایر مواردی که در دستورالعمل تخلفات پیمانکاران به آنها اشاره شده است تخلف محسوب می گردد و با مرتکبین این تخلفات (افراد و شرکت ها) بر اساس دستورالعمل تخلفات برخورد و شرکت و مدیران آن به تشخیص مرجع صدور گواهینامه از یک تا سه سال از تشخیص صلاحیت و ارجاع کار محروم می گردند.



NOVIN F.E. Eng. &
Ind. Co.

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انجمن صنفی کار فرمایان
پیمانکاران و شرکت های ساختمانی
و تجهیزات و تجهیزات استان تهران

گواهی عضویت Membership Certificate

Association of Employers
of Constructors, Construction, Installation
& Equipment Companies Tehran Province

Date of issue: 2015/07/01

Membership No.: 940401221 T/A

License No.: 06683

Company name: NOVIN FE ENG & IND.CO

Managing Dir.: AHMAD REZA KESHAVAREZI

National code: 10102408159

Date of registration: 2003/02/05

Date of membership: 2015/06/22

Membership No.: 940401221 T/A

The holder of this certificate may benefit from the appertaining legal
privileges for two years from the date of issue of this license subject
to observance of the articles of Association of the Association and the
competence limits.

رئیس هیئت مدیره انجمن
Chairman of the Board of Directors of the Association
H.K. SEYFI

دبیر انجمن

Secretary of the Association

A. DABIRAS

تاریخ صدور: ۱۳۹۴/۰۴/۱۰

شماره عضویت: تا ۱۳۹۴/۰۴/۱۰

شماره پروانه: ۰۶۸۳

نام شرکت: مهندس صنعتی نوین فن اور اسباب تاریخ ثبت: ۱۳۸۱/۱۱/۱۶

مدیر عامل: احمد رضا کشاوری تاریخ عضویت: ۱۳۹۴/۰۴/۰۱

شناسه ملی: ۱۰۱۰۲۴۰۸۱۵۰ شماره عضویت: تا ۱۳۹۴/۰۴/۱۰

دارنده این گواهی با رعایت اساسنامه انجمن و حدود صلاحیت
شرکت میتواند از مزایای قانونی این پروانه به مدت دو سال پس
از صدور بهره مند گردد.



NOVIN F.E. Eng. &
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Membership number : 145

Water & Wastewater Companies Syndicate

انجمن متنی شرکت های آب و فاضلاب



شماره عضویت: ۱۴۵

This is to certify that Novin Farnavar Ehyva

company is admitted as a member to the water & wastewater

companies syndicate (WWCS) on 22 May 2010

بنویسید تاییدی کرد "شرکت نوین فن آوارا"

عضویت انجمن متنی شرکت های

صنعت آب و فاضلاب پذیرفته شده است

Issued on: 23 Sep 2014

Validity : 1 year

Chairman of the board of WWCS

رئیس هیئت مدیره

تاریخ صدور: ۱۳۹۳/۰۷/۰۱

مدت اعتبار: یک سال



**NOVIN F.E. Eng. &
Ind. Co.**

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PICTURES



NOVIN F.E. Eng. &
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NOVIN F.E. Eng. & Ind. Co.



FARS Gas Power Plant-Fuel Oil Unloading & Forwarding Pump House and Piping



NOVIN F.E. Eng. &
Ind. Co.

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KERMANSHAH GAS POWER PLANT-3 X 33,000 m3 Fuel Oil Storage Tanks



NOVIN F.E. Eng. &
Ind. Co.

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NOVIN F.E. Eng. & Ind. Co.



KERMANSHAH Gas Power Plant
Fuel Oil Unloading Tank, Pump House and Piping
Aux. Boiler and Steam Piping



NOVIN F.E. Eng. &
Ind. Co.

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SANANDAJ Combined Cycle Power Plant
water Treatment Plant (R.O., Regen. and Demin. System)



NOVIN F.E. Eng. &
Ind. Co.

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SANANDAJ Combined Cycle Power Plant
Demin. Water and Condensate Storage Tanks



NOVIN F.E. Eng. &
Ind. Co.

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YAZD Thermo-Solar Power Plant
Demin., Permeate and Condensate Water Storage Tanks



NOVIN F.E. Eng. &
Ind. Co.

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NOVIN F.E. Eng. & Ind. Co.



YAZD Thermo-Solar Power Plant
Water Treatment Plant(R.O., Demin., Regeneration System)



NOVIN F.E. Eng. &
Ind. Co.

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ALIABAD Gas Power Plant-Water Treatment Plant(R.O.System)



NOVIN F.E. Eng. &
Ind. Co.

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NOVIN F.E. Eng. & Ind. Co.



ALIABAD Gas Power Plant-Fire Fighting Pump station and Piping



NOVIN F.E. Eng. &
Ind. Co.

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NOVIN F.E. Eng. & Ind. Co.



FARS Gas Power Plant- 3 x 20,000 m³ Fuel Oil Storage Tanks