



**Your Powerful EPC Partner**

# Nasb Niroo Company





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## Nasb Niroo Company

Nasb Niroo company as one of the most famous and experienced Iranian EPC contractors has established in 1991 and regarding to its competitive advantages and its more than 5000 employees is currently known as one of the most powerful construction contractors particularly in energy sector through executing over more than 200 projects in local & international markets.

Nasb Niroo company as one of the Mapna group prominent members, has increased Mapna's strength in implementing industrial projects in various fields .



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## ➤ Areas of Construction Activity:

- Thermal and Combined Cycle Power Plants
- Renewable Energy (Wind Turbine and Solar Powerplants)
- Oil Refinery Plants, Petrochemical and Gas Treatment Plants
- Power Substations and Power Transmission
- Water and Waste Water Treatment Plants
- Civil works for construction of compound residences, Commercial Buildings and Hospitals, ...
- Steel Fabrication works ( Building Steel Structures, Floating Roof Storage Tanks, Chutes, Bins, ...)
- Abnormal/Heavy Loading and Lifting Services



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## ➤ Subsidiary Companies :

Nasbniroo as a general contractor company has two subsidiary companies which facilitate him to implementation of the projects .

- **Fidar Steel Borna company (Fabco)** for fabrication of Heavy steel structures, Storage Tanks and Industrial steel made equipment such as towers ,conveyor structures, thickeners, chutes , bins, hoppers and etc.
- **Gharb Niroo Company** as a consulting engineering company for the design and engineering of power substation and transmission line projects.



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## ➤ Management Board :

- Mr. Mehdi Zandi as CEO and Member of the B.O.D.
- Mr. Abutalib Niazi as Head of the B.O.D.
- Mr. Mojtaba Tajik as Member of the B.O.D
- Mr. Fereydoun Honari as Member of the B.O.D.
- Mr. Masoud Bahrani as Member of the B.O.D.



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## ➤ **Project References**

- **Power plants (Gas Turbine, Steam Turbine, Combine cycle ) and Renewable Energy Powerplants (Wind Turbine and Solar)**
- **Oil & Gas Projects**
- **Water and Waste Water Treatment Plants**
- **Substations and Power Transmission**
- **Civil works for construction of compound residences, Commercial Buildings and Hospitals, ...**
- **Steel Fabrication works ( Building Steel Structures, Floating Roof Storage Tanks, Chutes, Bins, ...)**
- **Abnormal/Heavy Loading and Lifting Services**
- **Abroad Projects**



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## Power plants

Since its establishments, Nasb Niroo has participated in construction of more than **80 Power plants** including gas turbine, thermal, combined cycle, wind turbine and solar power plants. The construction of these Power Plants aim to produce 21,978 MW of electrical power **(26.6% of Total Installed Power in Iran)** which has steered the country to independency.

The company is also in partnership with international companies, sharing their experiences, which lead the company to be able to construct the total capacity of 1000 MW Power Plants including: Construction, Commissioning and Installation of Al-Sadr (Baghdad), Heidarieh (Najaf), Khormala (Erbil) & Rumaila (Basra) Power Plants in Iraq.



## Power Plants

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### NASB NIROO CO. SHARE FOR IRAN TOTAL POWER CONSTRUCTION MARKET

Total Installed Power Generation Plants in Iran	Power (MW)	Share percentage of Iran Power Market	Nasb Niroo Installed power (MW)	Nasb Niroo Installed Power Share for each Type of Power Plants (%)	Nasb Niroo Total share of Power market in Iran (%)
Conventional Thermal Power Plants (Steam Turbine)	15829	17.4%	1950	12.3%	2.1%
Gas Turbine Power Plants	22811	25.1%	10376	45.5%	11.4%
Combined Cycle Poer Plants	35559	39.1%	9249	26.0%	10.2%
Hyro power plants	12093	13.3%	—	—	—
Nuclear Power Plants	1020	1.1%	—	—	—
Small Size Powerplants	2235	2.5%	295	13.2%	0.3%
Reneable Energy Power Plants	1040	1.1%	108	10.4%	0.1%
Diesel Drive Power Plants	407	0.4%	—	—	—
<b>Total Installed Power In IRAN</b>	<b>90994</b>	<b>100%</b>	<b>21978</b>		<b>26.6%</b>



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# Thermal Power Plants Reference List





## Thermal Power Plants Reference List

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No.	Projects	Clients
1	Installation of Arak thermal Power Plant Boilers	Mapna Group
2	Installation & Pre-commissioning of Kazeroon Combined Cycle Power Plant	Mapna Group
3	Civil works, Installation & commissioning of Ilam Gas refinery 1st phase Equipment	Ilam Gas Refinery Co.
4	Installation of Gilan combined Cycle Power Plant Steam unit	Tavanir/Iran Power Development Co.
5	Installation & Pre-Commissioning of 6 sets of Boilers of Shirvan Combined Cycle Power Plant	Mapna group MD2
6	Purchase & Installation of STG & ACC Cooling systems Equipment (2units) of Abadan Combined Cycle Power Plant	Mapna group MD2
7	Installation & Pre-Commissioning of 121 sets of Main (HRSG) boilers of Damavand Combined Cycle Power Plant	Mapna group MD2
8	Installation & Pre-Commissioning of a 500Mw Combined Cycle of Isfahan2 Power Plant	Mapna group MD1



## Thermal Power Plants Reference List

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No.	Projects	Clients
9	Installation & Pre-Commissioning of Generator, Turbine, Cooling system and Steam Canal between them in Kerman Combined Cycle Power Plant	Mapna group MD2
10	Installation & Pre-Commissioning of HRSG & Auxiliary Boilers in Electricity & Steam project of Damavand (Asalooyeh) Power Plant	Mapna group MD3
11	Installation of main & Auxiliary Cooling system Equipment (1 unit) of Isfahan2 Combined Cycle Power Plant	Mapna group MD1
12	Installation & Pre-Commissioning of 4 Gas units of Zanjan3 Power Plant	Mapna group MD1
14	Installation & Pre-Commissioning of 2 Gas units of Iranshahr Gas Power Plant	Mapna group MD1
15	Installation & Pre-Commissioning of 3 sets of Turbine, Generator & Transformers of Damavand Combined Cycle Power Plant 1st & 2nd Phases.	Mapna group MD2
16	Installation & Pre-Commissioning of Turbine, Generator & Auxiliary systems of main Transformer, etc. of Oromiyeh Combined Cycle Power Plant 40175MW Gas unit.	Mapna group MD1
17	Installation & Co-Operating in commissioning of Ardebil Gas Power Plant development Project	Mapna group MD1
18	Installation, Pre-Commissioning, Commissioning, Testing & Residual Civil works of 2055MW Thermal Power Plant for Tavazon Project of Isfahan Steel Co.	Isfahan Steel Co.



## Thermal Power Plants Reference List

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No.	Projects	Clients
19	Installation & Pre-Commissioning of Khorramshahr Power Plant Gas units No. 5 & 6.	Mapna group MD1
20	Installation & Pre-Commissioning of 4 Gas units of Hormozgan Power Plant	Mapna group MD1
21	Installation & Commissioning of Hydro Power Plant Turbine	Farab Co.
22	Installation of Karoon3 Hydro Power Plant Turbine	Farab Co.
23	All Civil works of 6 units of B.O.P & Installation of Unit No. 5&6	Mapna group MD2
24	Installation of Montazer Ghaem Gas Power Plant	Tavanir
25	Installation of Montazer Ghaem Steam (Combined Cycle)	Mapna Group
26	Installation of Arak Thermal Power Plant Boilers	Tavanir
27	All Civil works & Installation of Jajarm Aluminum Production Project	Ministry of Industry, Mine & Trade.



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## Renewable Energy Power Plants Reference List





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## Renewable Energy Power Plants Reference List





## Renewable Energy Power Plants Reference List

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No.	Projects	Clients
1	Doroh Wind Turbine Power Plant – EPC Project	Mapna Group
2	Mill Nader Wind Turbine Power Plant – EPC Project	Mapna Group
3	Agh-qand Wind Turbine Power Plant – EPC Project	Mapna Group
4	Kahak Wind Turbine Power Plant – Erection Project	Mapna MD1
5	Khaaf Wind Turbine Power Plant (4 X 2.5 MW) -EPC Project	Mapna group
6	Khaaf Wind Turbine Power Plant (75 MW) -EPC Project	Mapna group
7	Aftaab Shargh Solar Power Plant 600 MW- Erection Project	Mapna group MD3
8	Tuga Solar power Plant- EPC Project	Tuga Co.



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## Oil & Gas Projects Reference List





## Oil & Gas Projects Reference List

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No.	Projects	Clients
1	Danaan Well Head Facilities Construction	Mapna Oil & Gas
2	Shourijeh Well Head Facilities Construction – 4 Fields	Niyer Pars Mapna Group
3	Shourijeh Gas Field Wells Construction	Niyer Pars Mapna Group
4	Dehloran Oil Field Desalination Plant	Mapna Oil & Gas



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## Water & Waste Water Projects Reference List





## Water & Waste Water Projects Reference List

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No.	Projects	Clients
1	Lian Bushehr RO desalination plant 35000 M3/Day- EPC Project	Bushehr Water & Waste water organization
2	Isfahan Steel Making Plant waste water Treatment Plants-EPC Project	Isfahan Steel Making Plant
3	Qeshm Potable Water Generation and Bottling Plant –Capacity 34000 liter/Hr - EPC Proicet	Mapna Group



## Substations and Power Transmission Reference List

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## **Substations and Power Transmission Reference List**

**Installation of 10,000 km of power transmission lines in various voltages inside the country and 250 km of power transmission lines outside the country (in Senegal) and implementation of 170 km transmission line project in Turkmenistan as well a confirmation of Nasbniroo Capabilities .**



## Substations Reference List

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No.	Projects	Clients
1	Complete Implementation & Installation of 400/133 kv Substation Equipment of Masjed Soleyman Dam	IWP Co.
2	Complete Implementation & Installation of 400/133 kv Substation Equipment of Karkheh Dam	IWP Co.
3	Implementation & Installation of 400/133 kv Substation of Karoon3 Dam	IWP Co.
4	Complete Implementation & Installation of 220/63 kv Substation Equipment of Hamedan	Bakhtar Regional Electric Co.
5	Complete Implementation & Installation of 220/63 kv Substation Equipment of Road of Saveh (Eslamshahr)	Tehran Regional Electric Co.
6	Complete Implementation & Installation of 220/63 kv Substation Equipment of Kan	Tehran Regional Electric Co.



## Substations Reference List

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No.	Projects	Clients
7	Complete Implementation & Installation of 400/220/63 kv Substation of Zanzan	Zanzan Regional Electric Co.
8	Installation of 220/63 kv Substation Equipment of Ramin (Ahwaz) Power Plant	Khozestan Regional Electric Co.
9	Installation of 220/63 kv Substation Equipment of Montazer Ghaem Power Plant	Tavanir/ Iran Power Development Co.
10	330/04 kv distribution Substation of South Pars Special Economic Zone	Iran Power Development Co. of of South Pars Special Economic Zone
11	GIS Substation of AL-Sadr Power Plant (Iraq)	Sunir Co.
12	Complete Implementation of 63/20 kv Substation of Araradan	Semnan regional Electric Co.



# Power Transmission Reference List

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## Power Transmission Reference List

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No.	Projects	Clients
1	Double Circuit 225 & 23 KV Transmission Lines of Senegal country	Senelec / Sunir
2	Communication Double Circuit 400 KV Transmission Lines of Gotvand Dam	IWP Co.
3	Double Circuit 230 KV Transmission Line of Jask – Zar Abad	Hormozgan Regional Electric Co.
4	Double Circuit 230 & 63 KV Transmission Lines of Shahrood – Bastam	Semnan Regional Electric Co.
5	Single Circuit 400 KV Transmission Line of Omidyeh – Joghadaq	Tavanir/ Iran Power Development Co.
6	Double Circuit 230 & 63 KV Transmission Lines of CheshmehSefid – Industrial Park of Kermanshah	Wset Regional Electric Co.
7	Double Circuit 230 KV Transmission Line of Jenah – Gorze	Hormozgan Regional Electric Co.
8	Single Circuit 400 KV Transmission Line of Karoon3 – South Isfahan	Isfahan Regional Electric Co.



## Power Transmission Reference List

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No.	Projects	Clients
9	Double Circuit 230 KV Transmission Line of Iranshahr – Kahnooj	Sistan-Balochestan Regional Electric Co
10	Double Circuit 230 KV Transmission Line of Khoram Abad - Shooshtar	Tavanir/ Iran Power Development Co.
11	Single Circuit 400 KV Transmission Lines of Zanjan _ Tabriz	Tavanir/ Iran Power Development Co.
12	Civil Works Implementation of 400 KV Transmission Line of Masjed Soleyman – Ahvaz2	Iran Power Development Co.
13	Civil Works Implementation, Tower Installation & Wiring of 400 KV Transmission Line of Reza Veis – Khoram Abad	Iran Power Development Co.
14	Wiring Implementation of 400 KV Transmission Line of Roodbar – Zanjan	Iran Power Development Co.
15	Foundation Implementation, Tower Installation & Wiring of 63 KV Transmission Line of Garmsar-Aradan	Semnan Regional Electric Co.
16	Execution of 200 km wire stringing 500kV overhead lines (Atamurat SS. to Mary SS)	Turkmenistan's Energy Ministry



## Civil Projects Reference List

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## Civil Projects Reference List

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Civil department of Nasb Niroo company is constructing of Civil parts for various projects such as Power Plants Infrastructural projects in Oil & Gas refineries, Water Treatment Plants, Industrial and Commercial Complexes, Residential Buildings, Hospital and medical centers, Road and Dam construction and etc. with over 700,000 square meters of buildings, 480,000 tons of steel work, 20 million cubic meters of excavation and embankments and 1,200,000 cubic meters concrete works, has met some part of country needs of civil projects.



## Civil Projects Reference List

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No	Project Name	Client
1	Behbahan Combined Cycled Power Plant Civil Works	Mapna-MD1
2	Paresar Combined Cycled Power Plant Civil Works	Mapna-MD2
3	Isfahan2 Combined Cycled Power Plant Civil Works	Mapna-MD1
4	Khorramshahr Gas Power Plant Civil Works	Mapna-MD1
5	Khoram Abad Gas Power Plant Civil Works	Mapna-MD1
6	Fars B.O.T Gas Power Plant Civil Works	Mapna-MD1
7	Genaveh Combined Cycled Power Plant Civil Works	Mapna-MD3
8	Najaf Power Power Plant Civil Works (Iraq)	Mapna-MD1
9	Abadan Combined Cycled Power Plant Civil Works	Mapna-MD2
10	Qeshm CHP Project Civil Works (Laver Part)	Mapna-MD3



## Civil Projects Reference List

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No.	Project Name	Client
11	Qeshm CHP Project Civil Works	Mapna-MD3
12	Mapna Locomotive Factories Civil Works & Purchasing the Materials & etc.	Mapna Locomotive Engineering & Manufacturing Co.
13	South Pars Oil field 14th phase Civil Works	neyrperse
14	South Pars Oil field 19th phase Civil Works	neyrperse
15	Al-Sadr Power Plant Civil Works (Iraq)	Sunir Intl.
16	Chadormalou Combined Cycled Power Plant Civil Works	Mapna-MD2
17	Hormozgan Gas Power Plant Civil Works	Mapna-MD1
18	Zanjan Dispatching Project Civil Works	Mapna-MD1
19	Ahwaz Oil Tank Manufacturing & Civil Works	NIOEC
20	Parand Power Plant Civil Works (Steam unit)	Mapna-MD2



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## Abroad Projects Reference List





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## **Abroad Projects Reference List**

- 1. Al-Sadr Iraq (Baghdad) Power Plant Project. (2 × 160 = 320 MW).**
- 2. Najaf Power Plant Project (160 MW). (Completed)**
- 3. Implementation of 225 & 30 kV Transmission Line in Senegal. (Completed)**
- 4. Execution of 200 km wire stringing 500kV overhead lines (Atamurat SS. to Mary SS) (Completed)**
- 5. Khormala Power Plant (Phase3) Erection of 2 Gas Turbines. (Completed)**
- 6. Construction & Installation of 20,000 M<sup>3</sup> Storage tank of Rumaila Power Plant. (Under construction)**
- 7. Installation & Pre-commissioning of main Equipment of Gas units of Rumaila Power Plant. (Under Construction)**



# Construction Equipment & heavy vehicles

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## **Construction Equipment & heavy vehicles**

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**Nasb Niroo company as a powerful general contractor has owned valuable installation and construction equipment, machines and vehicles which empowered him to lift and install abnormal/heavy loads for various projects. Nasb Niroo Company is equipped with 4 special heavy cranes , 135 heavy vehicles and etc.**



# Construction Equipment & heavy vehicles

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No.	Information	QTY.	No.	Information	QTY.
1	Crane(800 ton)	1	14	Compressor (different types)	22
2	Crane(600 ton)	1	15	Fire Fighting Truck	1
3	Crane(350 ton)	1	16	Mini Bus	1
4	Crane(165 ton)	1	17	Diesel Generator	31
5	Crane (3 to 50 ton)	17	18	Loader	17
6	Grader	2	19	Concrete Pump	8
7	Truck	14	20	Truck Mixer	2
8	Dumper	2	21	Tower Crane (8,10 & 20 ton)	3
9	Water Tanker Truck	2	22	Excavator	7
10	Trailer	5	23	Tractor	22
11	Extendable Trailers	2	24	Roller	11
12	Mini Excavator	10	25	Lift Truck	9
13	Mini Loader	14			



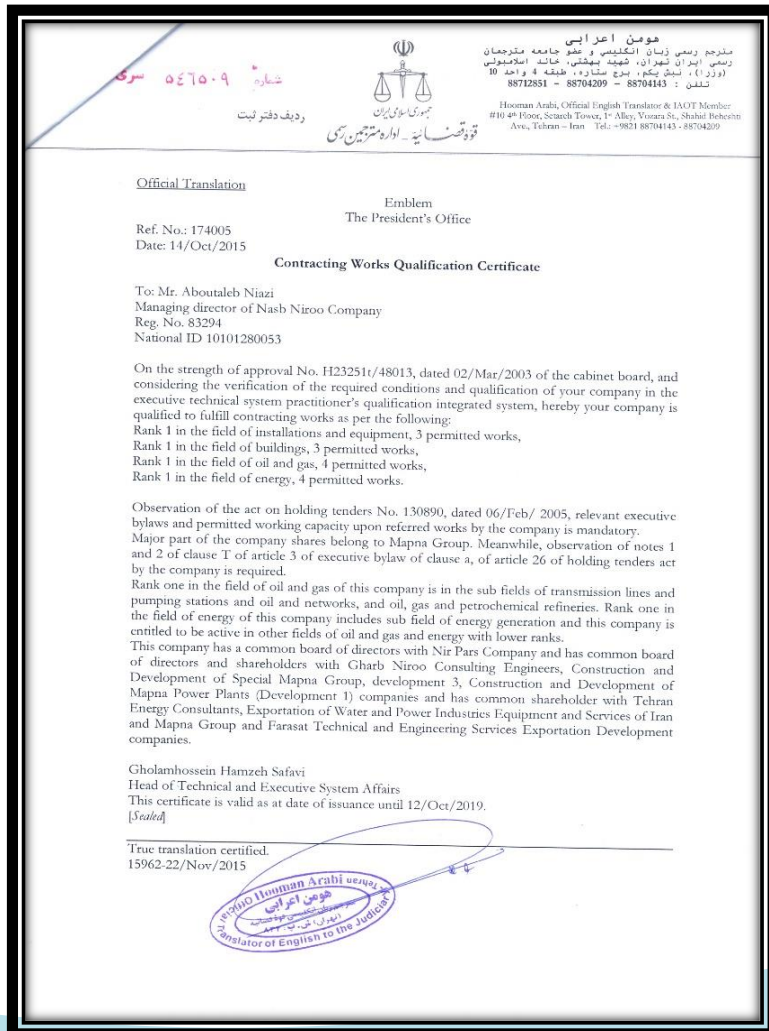
NASBNIROO CO.

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## Certificates & Achievements



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## Contractor License Verification

- ❖ Rank 1 in the field of Energy
- ❖ Rank 1 in the field of Oil & Gas
- ❖ Rank 1 in the field of Buildings
- ❖ Rank 1 in the field of Installations & Equipment

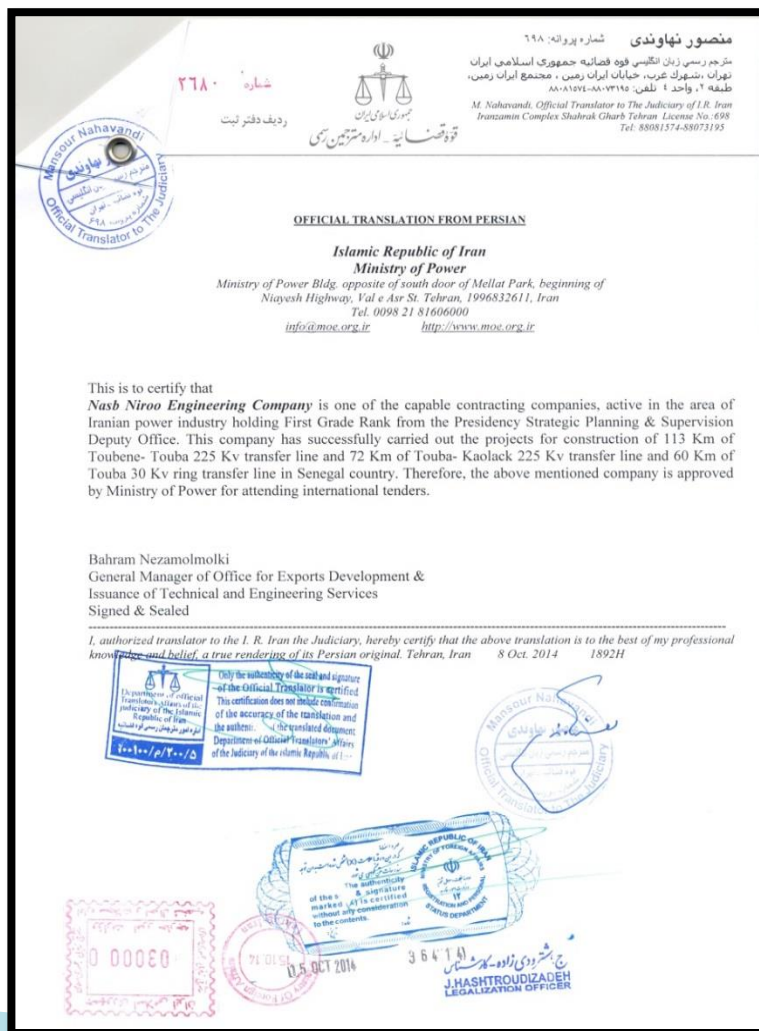
By:

**Islamic Republic Of Iran Deputation Of  
Planning & Strategic Supervision Of  
The Presidency**



# Certificates & Achievements

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## MOE Approval



# Certificates & Achievements

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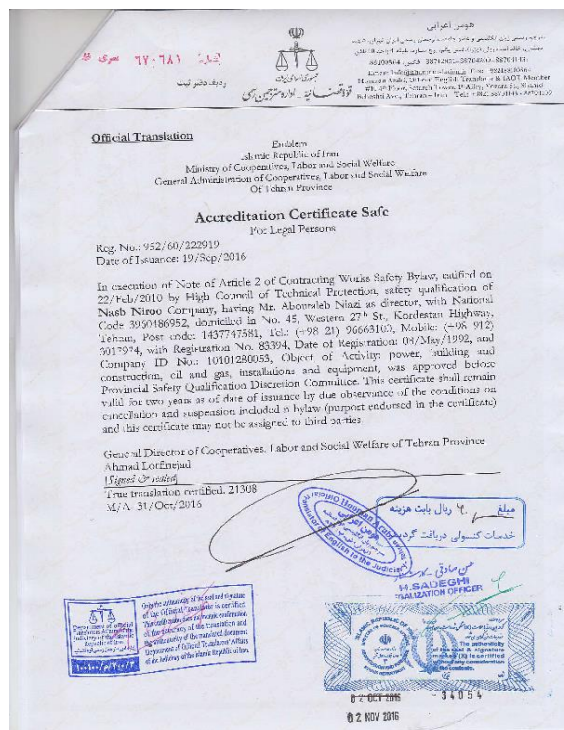
**Association of Employers**



**Iran Chamber of Commerce**



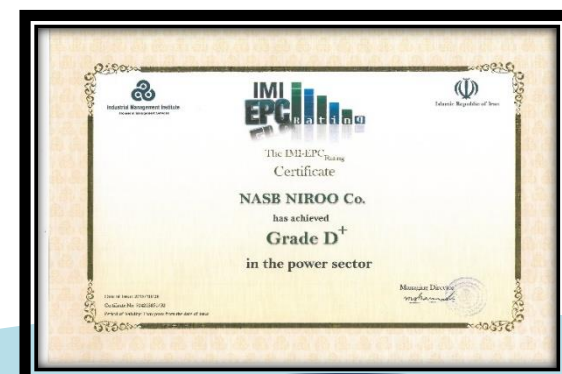
**Accreditation Certificate Safe**



**Iran Electrical Industry Syndicate**



**EPC rating**



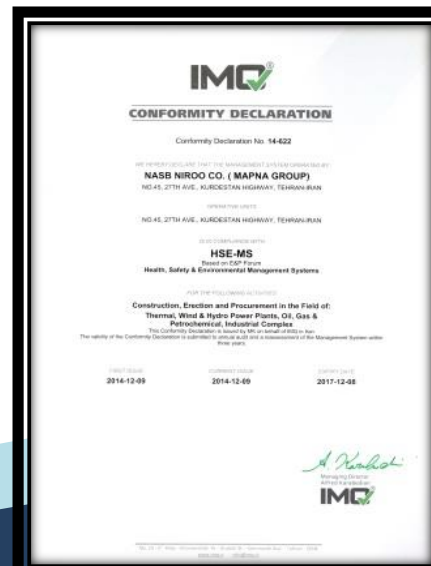


## Certificates & Achievements

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## Integrated Management System (IMS)





# Photo Gallery

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**Execution of 200 km wire  
stringing 500kV overhead  
lines (Atamurat SS. to  
Mary SS) Project.**





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## Khormala Power Plant (Phase3) Erection of 2 Gas Turbines Project.





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## Transportation of Wind Turbine Blades Project.





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## Installation of South Pars Utilities Project.



**Utility of South Pars Gas Field Development – Phase 1**



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## **Kerman Combined Cycled Power Plant Project.**



**KERMAN combined cycle power plant**





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## Contact Information

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**Thank you  
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