

**IN THE NAME
OF GOD**



ORGANIZERS

Public Relation of National Iranian Oil Company

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The Permanent Website of International Oil, Gas, Refining & Petrochemical Exhibition:

www.iran-oilshow.ir

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In partnership with:

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- National Iranian Gas Company

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Email: Info@nigc.ir

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- National Iranian Petrochemical Company

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Email: Info@nipc.ir

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- National Iranian Oil Refining & Distribution Company

Website: www.niordc.ir

Email: Info@niordc.ir

Office of the Head of Public Relations:

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Thanks for cooperation:

- Petro Energy Information Network (SHANA)

Website: www.shana.ir

TEL: +98(21) 88347600 – 2

FAX: +98(21) 66491306

- Journal of the Iranian oil industry employees (MASHAL)

Website: www.mashal.mop.ir

TEL: +98(21) 61626046

FAX: +98(21) 66491306

Executive Headquarters:

- Milad Mobtaker Shargh Exhibition Company

Address: 2nd floor, no 1, Akbari St. 22 Bahman St. Entrance to East Hemmat Highway Ashrafi Isfahani Highway Tehran, IRAN

Website: www.miladgroup.net

Email: Info@miladgroup.net

TEL: +98(21) 44448216

FAX: +98(21) 44448216

- Yavaran Atiyeh Tejarat Arman (YATA) Presenter book and CD of Fair

Address: 8th floor, No 1, Western sixteenth St. Ahmad Ghasir St. Tehran.IRAN

Website: WWW.OILSHOWBOOK.COM

Email: Info@oilshowbook.com

TEL: +98(21) 88751425 - 88751361

FAX: +98(21) 88731018



Deputy Minister, Chairman of the board
and managing director of Iran
International Exhibitions Company

MESSAGE OF DR. HOSSEIN ESFAHBODI

on the occasion of the 22nd International Exhibitions of oil, Gas, Refining and Petrochemicals

In the year that by the grace of GoD, we will witness many accomplishments in the field of «resistance economy, production and employment», this important opportunity was provided to hold 22nd International Exhibition of oil, Gas, Refining and Petrochemicals in Iran.

Iran's position in the global energy industry and the impact and its importance in obvious and twenty-two years' experience in holding this exhibition and event, suggests Iran's unmatched position in this field. on the other hand, the relation between this ability and national power in our country and its close relationship with the economic and political decision-making all over the world, shows that economics of oil, gas, refining and petrochemicals what potentials lies within itself.

Meanwhile and in recent years, especially in the post-JCPoA, conditions for the implementations of what we should achieve in the fields of energy, to be improved and the effects of these changes can be observed comparing 21st years of continuous and rigorous holding International Exhibition of oil, Gas, Refining and Petrochemicals. Iran International Exhibitions Company in line with its mission and strategic objectives in this exhibition, is focused on these important things:

International attention to the energy market of Iran in all areas and its abilities to invest, create a suitable environment for the exchange of experience and knowledge in specialized areas of oil, Gas, Refining and Petrochemicals, create and introduce and transfer up-to-date technology into the country that would directly lead to industry development.

By introducing the capabilities of the state and even private companies in all areas of construction, engineering, services, contracting, equipping, consulting and other related areas of oil and energy industry and marketing all areas of this productive industry and presented its achievements for the exporting and trading development, we would have economic growth in the country.

There is no doubt that holding the largest exhibition event in our region in the field of oil and energy that is one of the most important events in this area in the world, all eyes stare at Iran and provide valuable opportunities in the field of technical, economics, investment and trading interactions to all participants and the whole world.

Iran International Exhibitions Company with great experience in continuous holding of this exhibition, invites all activists in Iran's oil, gas, refining and petrochemical industry and all activists in the world, to visit this exhibition. We appreciated the presence of domestic and foreign participants that are booming further this important international event.

Finally, while expressing pleasure to the presence of participants and visitors and the continuation of this important exhibition, show my gratitude to organizers and executors of this international event and hope that in the coming years witnessed impressive growth in all indices of holding exhibition and its achievements.

Wishing success for oil, Gas, Refining and Petrochemicals industry.



over a hundred years of exploration, distribution and sale of petroleum and more than 50 years production of petrochemical's products and 50 years presence in the Gas Industry) and considering the significant presence of Iranian companies and especially foreign companies which prepare their investment and participation in Iran's projects in post-JCPOA, it's necessary to review the general policies in the oil and gas industry (announced by The Supreme Leader):

1. Take policies and appropriate strategies for the development of oil and gas exploration and a through recognition of the country's resources.
2. Increase oil production capacity, commensurate with the existing reserves and to benefit the country from increased economic, political and security power.
3. Increase gas production commensurate with the volume of country's reserves to supply domestic consumption and maximum replacement with petroleum products.
4. Expansion of fundamental research and development and training of expert human resources, trying to create a center issuance and transfer of knowledge and technical and engineering services in the fields of energy internationally and upgrade technology in the areas of oil, gas and petrochemicals industries and sources.
5. The required effort and establish a legitimate organizing to attract domestic and foreign financial resources in the oil & gas industry in the authorized and legal sectors in the form of new oil contracts.
6. Exploitation of regional and geographical situations of the country for buying & selling, processing & refining, exchanging & transporting of the region's oil and gas to domestic and global markets.
7. Consumption optimization and reducing energy intensity.
8. Replacing the export of oil, gas and petrochemical products instead of exporting crude oil and natural gas.

Undoubtedly, this eight-clause would be outline of the most important priority of all participants in all the main and lateral parts of the 22nd International exhibition of oil, gas, refining and petrochemicals.

National Iranian oil Company as the organizer and planner of this exhibition and great event, with appreciation and gratitude to all domestic and foreign companies, organizations and situations that attended the exhibition, show its gratitude to Iran International Exhibition Company and hard efforts and cooperation's of all Expo's executive agents.

Sincerely hope that this constructive and effective and forward interaction of industries involved in the field of oil, gas, refining and petrochemical in Iran and all over the world, creates a distinctive and competitive atmosphere than before, to be effective in the investment and technology transfer and update technology, so the result is globally stable supply of energy for the worlds.

Wish you happiness, prosperity and success.

Executive Director of holding exhibition
and Director of Public Relations
of National Iranian oil Company

MESSAGE OF MR. MOHAMMAD NASERI



In the Name of GoD

A good beginning makes a good ending . . .

The precious and valuable experience of the twenty-one year's continuous holding international exhibition of oil, gas, refining and petrochemical, indicates that the objectives, operational and field planning of National Iranian oil Company in line with resistance economy, not only «Supporting Iranian Labor and Capital», but also by the government's decisions and the oil Ministry's actions through the post-JCPoA, from the «act and action», we can see spectacular growth in holding this exhibition.

Undoubtedly, lifting of the sanctions and appropriate interaction with the world, especially in the economic fields in recent years, have caused quality growth and contributions to this important national, regional and global exhibition.

Approved by statistics must be acknowledged that this year, we will see an economics' epic in the scene of communication and interaction in the field of oil, gas, refining and petrochemical in Iran.

I am pleased that as the organizer of this important exhibition officially welcome your attendance and your entrance to the 22nd International exhibition of Iran's oil, gas, refining and petrochemical, the largest exhibition at the national level, appraisers in the Middle East and among the first three exhibitions of energy in the world.

This exhibition is an arena of abilities, strength and expertise of Iran's oil industry as the most productive part of the economy of the Islamic Republic of Iran, would be held 19-16 May 2017 in Tehran, and I on behalf of Iran's oil industry is very pleased to warmly welcome you from all over the world in this great event in our country.

Without a doubt, in this golden and important four days of oil industry, Iran and of course the world has witnessed a very important event that could be changed the future of economics and politics of the world from different aspects, we are sure that due to the significant presence of Iranian and foreign companies at this year's exhibition, the orientation and direction of this industry will be change positively.

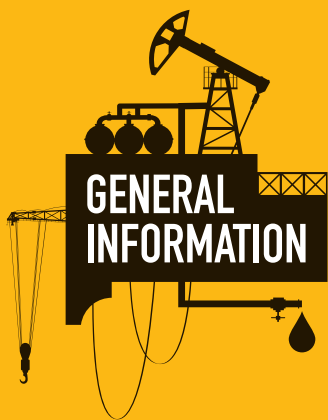
According to the annual's procedure, National Iranian oil Company as the organizer of this great and important event, do its best efforts to create distinctive opportunity for investment, transfer and exchange of knowledge and technology, business development and increase non-oil exports.

The numerous and brilliant presence of Iranian and foreign companies at the largest establishment area in all years of holding exhibition, indicates that the year 2017 is the beginning of a great movement in realizing the idea of «Production & Employment» in line with resistance economy, that the oil Ministry through sanctions and after that, consistently and continually has a lot of efforts in the direction of its synergy, growth and prosperity.

In this regard, the oil Minister's speech in the opening of six phases of the South Pars and oil Layers and Four Major Petrochemicals projects at the same time, in the first month of this year's spring, indicates that according he said: «The inauguration is a true symbol of resistance economy.»

The Supreme Leader in his speech earlier this year, emphasis on statistics and impressive growth in the fields of oil economy, and ordered to influence more than ever in the oil market, this emphasis confirms that due to events capacities such as this exhibition, we can witness the success in employment and higher production in the year 2017 - more than what the statistics we have read and heard so far-

As the organizer of this exhibition and on behalf of Iran's oil Industry (with dates back



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GENERAL INFORMATION

Access to Fair

-Airport

- Use public taxis which are marked with a green or yellow sign
- The time from the airport to the exhibition = 1 hour
- Travel cost: 800.000 RLS, (19 -22 \$)

- Metro

- You can use Tehran metro line 1 and Get off at station HAGHANI or TAJRISH and then go by taxi to exhibition.
- Travel cost: 7.000 RLS (20 cents)for Metro (one way ticket) + 200.000 RLS (5\$)for Taxi

- Bus (BRT)

- You can use Tehran BRT line 4 and Get off at Exhibition station.
- Travel Cost : 4,500 RLS (10 CENTS)
- You can use Tehran BRT line 1 and in SHAHID AFSHAR Terminal Change Your line to 4 and Get off at Exhibition station.
- Travel Cost : 11.250 RLS(30 CENTS)

- Parking Place

- There are Three Large Parking at the Iran Fair :
 - . North Gate) vertical parking)
 - . South Gate (Parking Flat)
 - . Southwest Gate(Parking Flat)
- Parking cost: 30.000 RLS (75 CENTS)

- Private Cars

- Please ask your tariff

- Taxi

- Please ask your tariff

Airport

International Flights: Iman Khomeini International (IKIA) Airport

1. Flight Schedule
 - a. See <http://ikia.airport.ir/schedule>
 - b. Call to : +98 (21) 9633
2. Lost and Found
 - a. Call to : +98(21) 51007328 – 51007014 – 51007897
 - b. According Passport with you
3. General Transportation to Tehran City
 - a. By type of vehicle :

\$	22-19
RLS	800.000 – 700.000

- b. For Taxi Reservation Call to: +98(21) 1833 – 1828 - 1804
4. Bank – Exchange
 - a. Entry Hall - Ground Floor
5. SIM card
 - a. Entry Hall - Booth # 14
6. Rent Car
 - a. See www.europcar.ir
 - b. Go to Europcar Booth In Entry Hall
 - c. Driving international certification
 - i. The cost of one-year driving international certification = 750.000 RLS (\$ 20)
 - ii. Call To: +98(21) 51007539- 55678243
7. Police
 - a. Call To: +98(21) 51007328 – 51007014 – 51007897
8. Website & Email
 - a. www.ikia.airport.ir
 - b. ikia@airport.ir

Domestic Flights: Mehrabad International Airport

1. Flight Schedule
 - a. See <http://mehrabad.airport.ir/flight-info>
 - b. Call to : +98 (21) 199
2. Lost and Found
 - a. Call to : +98(21) 61021
 - b. According Passport with you
3. General Transportation in Tehran City
 - a. For Taxi Reservation Call to: +98(21) 1833 – 1828 - 1804
4. Bank – Exchange
 - a. Entry Halls or Terminals - Ground Floor
5. Rent Car
 - a. See www.europcar.ir
6. Police
 - a. Call To: +98(21) 110
7. Website
 - a. www.mehrabad.airport.ir

GENERAL INFORMATION

Airlines

International Airlines Offices in Tehran

British airways	+98(21) 22044552 - 22040278
Emirates	+98(21) 81345
Lufthansa	+98(21) 83388
Qatar airways	+98(21) 22019906 - 22015107
Turkish airlines	+98(21) 23546

Iranian Airlines

Aseman Airlines	www.iaa.ir/	+98(21) 66076750
ATA Airline	ebooking.ataair.ir	+98(21) 4855
Atrak Air	www.booking.atrakair.com	+98(21) 47201111
Caspian Airlines	www.ebooking.caspian.aero	+98(21) 44514701
Iran Air	www.ebooking.iranair.com/Booking	+98(21)46625949
Iran Airtours Airline	www.iranairtours.com/en	+98(21) 89317709
Kish Airlines	www.kishairlines.ir	+98(21) 44665644
Mahan Air	www.mahan.aero	+98(21) 48384848
Meraj Airlines	www.merajairlines.ir	+98(21) 63266
Qeshm Airlines	www.4764.ir	+98(21) 4764
Taban Airlines	www.ebooking.taban.aero	+98(21) 44696905
Zagros Airlines	www.zagrosairlines.com	+98(21) 44081268

Association Official Bodies and Organizations

Compass

- In the exhibition stands can also help you

ATM

- Open area between Halls 31 and 38
- Bank Melli Iran – Expo Squire , Administrative Building No 2

BANKS

- Bank Melli Iran – Expo Square , Administrative Building No 2

Buy the Book fair

- Buy Online From WWW.OILSHOWBOOK.COM
- Buy entrance of each hall
- Buy at all entrance Gates

Compass

- Download the Map Fair here and pay attention to the signs
- Get the map fair from information kiosks and pay attention to the signs
- Check the boards installed in the outdoor the fair
- When you enter the fair Obtain Book Fair that to be informed of all exhibitors data and general information that you need.

Congress Center

Amphitheater 35	Check the boards installed in the outdoor the fair	For any information please call to : +98(21) 21912754
Conference hall number one		
Conference hall VIP		
Conference hall number two		
Great place formalities number one		
Great place formalities number two		
Isfahan Hall		
Kish Hall		
Persian Gulf Hall VIP		
Persian Gulf Hall – Hall no 1- Iran Hall		
Persian Gulf Hall – Hall no 2- Morvarid Hall		
Persian Gulf Hall – Hall no 3- Sadaf Hall		
Persian Gulf Office Big rooms		
Persian Gulf Office Small rooms		

GENERAL INFORMATION

Courier service

- Lift Services - Handling - Loading - Unloading In Exhibition
 - Two days before and after Exhibition Call To: +98(21) 21913050
 - +98(21) 21913051
 - +98(21) 21913048
 - +98(21) 21913049
 - International Couriers In IRAN
 - . DHL +98(21) 88962005 + 88986492 - www.dhl.co.ir
 - . aramex +98(21) 89720 - www.aramex.com
 - . TPG +98(21) 41917 - www.tpg.ir

Email/Internet

- Internet services in Exhibition Two days before Exhibits open by Iranian Net Company
+98(21)21914121 - +989306588549

Embassies Information

NO	COUNTRY	ADDRESS	TELEPHONE
1	Armenia	32, Ostad Shahriar Str., corner of Razi Str., Jomhourie Eslami, Tehran, Iran E-mail: armiranembassy@mfa.am	+98 21 66704833
2	Austria	6-8 , mebroli St. Mahmoud ahmadi zamani St. moghaddasi St. Niyavaran Area Tehran. Iran E - mail: teheran-ob(at)bmeia.gv.a	+98 21 22750040
3	Azerbaijan	16, Rastovan St., 3rd Neyestan St., Pasdaran. Tehran, Iran - Postal code: 1944965114 E-mail: az.embassy.tehran@gmail.com	+98 21 22563146
4	Bahrain	248 , zobin St. Africa Blvd. Tehran. Iran	+98 21 8877 2847
5	Belgium	Agha Bozorgi - Shirin Dead End Nr 4 Elahieh 1964616451 Tehran P.O. Box 11365 - 115 Tehran Email: tehran@diplobel.fed.be	+ 98 21 223 98 780
6	Canada	57 , sarafraz St. Motahhari St. Tehran. Iran E - mail: tehran-im-enquiry@international.gc.ca	+98 21 81520000
7	China	73, Danesh movahed, St. Aghdasiyeh St. Tehran, Iran Email: chinaemb_ir@mfa.gov.cn	+98 21 22291240

8	Croatia	19, 1th behestan St. Pasdaran St. Tehran Iran	+98 21 22589923
9	Czech Republic	No. 36, Alley, Bostan St. North Ave, Upper Farmaniyeh Crossroads Nastaran Tehran Iran	+98 21 2611 8851
10	Denmark	No. 10 Dashti St., Hedayat St. Near Sadr Bridge, Dr. Shariati Ave. 1914861144 Tehran Iran	+98 21 2815 5000
11	England	198 Ferdowsi Avenue Tehran Iran	+98 21 6405 2000
12	Finland	No.2, Haddadian Alley Mirzapour ST., Shariati Ave. Qeytarieh 19336 TEHRAN IRAN	+98 21 2 351 2000
13	France	64, nofel loshatto St. Tehran Iran	+98 21 64094000
14	Germany	324, ferdosi St. Tehran Iran	+98 21 39990000
15	India	22, Mir Emad Street (Corner of 9th alley), Dr. Beheshti Avenue, Tehran Iran E-Mail: hoc.tehran@mea.gov.in	+98-21-88755105
16	Indonesia	170, ghaem magham farahani St. Tehran Iran	+98 21 88717251
17	Italy	nofel loshatto St. Tehran Iran	+98 21 6672 6955
18	Japan	162, Moghaddas Ardebili St. in front of Sarallah St. Tehran Iran	+98 21 22660710
19	Kazakhstan	4, Hedayat St. Darros St. Tehran Iran	+98 21 22565933
20	Malaysia	25, Second Alley, North Zarafshan St Eyvanak Blvd., Phase 4, Shahrak Qods, Islamic Republic of Iran.	+98 21 8807 2444
21	Monaco		
22	Netherlands	No. 60 West Arghavan street Dibaji North street Farmanieh Tehran Iran	+98 21 23660000
23	Norway	No. 54, Dr. Lavasani Ave. (Ex-Farmanieh) Corner of Salmanpoor Zahir St. Tehran Iran	+98 21 2229 1333
24	Oman	12, tandis St. Africa Blvd. Tehran Iran	+98 21 2205 6831
25	Poland	No. 2, Pirouz St., Africa Expressway (Nelson Mandela Ave.) 1917663113 Tehran Islamic Republic of Iran PO Box 11155-3489	+98 21 88 78 72 62
26	Russia	39, Nofel Loshato St. Tehran Iran	+ 98 21 66701161

GENERAL INFORMATION

27	Singapore		
28	South Africa	5, yekta St. Vali asr St. Tajrish Tehran Iran	+98 21 22702866
29	South Korea	No.2, West Daneshvar st. Sheikhbahai ave. Vanak sq. Tehran, Iran P.O.BOX 11155-3581 E-mail : emb-ir@mofa.go.kr	+98 21 88054900~4
30	Spain	10, komasaei St. Sharzad Blvd. Darross Tehran Iran	+98 21 2256 8681
31	Sweden	27 Nastaran Str, Boostan Ave (North of Lavasani) Tehran Iran	+98 21 2256 8681
32	Switzerland	No. 2 Yasaman Street Sharifi Manesh Ave. Elahieh Tehran Iran	+98 21 2200 8333
33	Turkey	12, Ferdosi St. Tehran Iran	+98 21 3595 1100
34	UAE	337, zafar St. Vali asr St. Tehran Iran	+98 21 4279 2000
35	Ukraine	10, Ghaderi St. Bahonar St. Niyavaran Tehran Iran	+98 21 2240 4081
36	USA	America's interests in the Swiss Embassy in Iran: No. 2 Yasaman Street Sharifi Manesh Ave. Elahieh Tehran Iran	+98 21 2200 8333

Emergency Telephone Number

- Ambulance +98(21) 21912550 - 21912555
- Fire +98(21) 21912444 - 21912445
- Police +98(21)110

Entrance price for visitors

- Price for trade buyers :
 - Daily ticket bought on the day 20.000 RLS
 - For Exhibitors Free

Exchange

- Authorized money changers close to the exhibition:

Partnership , Falatonzadeh & Partners	+98(21) 88929250
Partnership ,Mansour Zarringalam & Partners	+98(21) 2326 - 22705192
Partnership ,Tahaiyori & Partners	+98(21) 88785761
Partnership ,Gholam hossein Asadi & Partners	+98(21) 22612367- 8
Partnership ,Amir Jamali & Partners	+98(21) 88202122-8
Partnership ,Salam Aalehi & Partners	+98(21) 22660245
Partnership ,Seyed Nazir Sardari & Partners	+98(21) 25905

First Aid

- 24-hour service By the Iranian Red Crescent Society Call To: +98(21)21912550 -
+98(21)21912555

Flower

- To order flowers online, visit the Websites:

- www.golbishe.com
- www.rosagol.com

Hairdresser/barber

- Barbershop in the expo:

- Expo square , administrative bldg. 2

- Barbershops near the Expo:

- Cice bonita
- No 38 Taheri Alley Africa Blvd. TEHRAN +98(21) 22045134
- Saba

. Unit 22 Saba Building Sheikh Bahaee St. TEHRAN

+98(21) 88056990

- Senator

. No 239 Sherafati St. Vanak Village TEHRAN +98(21) 88045994

- Naroon

. No 24 Niyavaran Crossroads Tajrish Square TEHRAN

+98(21) 22712226

GENERAL INFORMATION

Hostesses/ ceremonial co.

- Hostess - catering
 - www.redribbon-catering.ir +98(21) 22753683 -22410317
 - www.safir-co.ir +98(21) 22519931
- Security services
 - See www.conceptiran.com +989194070860 call 12 am – 18 pm

Information stand/ Kiosk

- General Information
 - North of fair
 - Northern entrance Gate , Adjacent to the Red Crescent First the Expo St
 - West of fair
 - The End of Western Parking in front of hall 37
 - Southwest Hall 41
 - In front of Hall 38
 - North of Hall 31 B
 - East of fair
 - Southwest Hall 5 in front of office building No 2
 - South of fair
 - Adjacent to the Hall No. 7
- Kiosk Information
 - All Entrance Halls

Interpreters

- Officially approved interpreters :

License number Office	responsible Interpreter	Language	Address	Tel
258	Mr. Vali Ahmadpour	English French	The ground floor of the East No 83 Northeast Vanak Square TEHRAN	+98(21) 88870572 +989123255669
316	Mrs. Faranak Ashrafi	English	Unit 7 Third Floor No 34 Pesyan St. Moghaddas Ardebili St. TEHRAN	+98(21) 22049817 +989121999433
264	Mr. Toraj Akbarlou	English	Unit 404 Forth Floor Papeli Tower Northern Shiraz St. Mollasadra St. TEHRAN	+98(21) 88627403 +989123507901
974	Mr. Khalil Bastan	Arabic	Third Floor No 146 Tajrish in front of the SHOHADA Hospital TEHRAN	+98(21) 22725490 +989123905467
309	Mrs. Zahra Ravdrad	English French German	Third Floor Ahmadiyeh Building Valiasr St. Near the Tajrish Square TEHRAN	+98(21) 22711685 +989123399399
1042	Mr. Reza Mirzaee	Chinese	Unit 32 Incubators and entrepreneurship Shahid Beheshti University TEHRAN	+98(21) 22413478 +989127358531
192	Mr. Hosein Mohammadzadeh	Turkish	First Floor No 17 Vesal Shirazi St. TEHRAN	+98(21)66409012 +989125013354
1012	Mr. Hosein Gholami	Russian	Unit 2 First Floor No77 ,193 St. Resalat Square TEHRAN	+98(21)77277779 +989122930125
1034	Mr. Sohrab Azar Parand	Chinese Korean Japanese	Unit 6 Third Floor No 93 Shahid Beheshti St. TEHRAN	+98(21) 86030363 +989126947925
770	Mrs. Sara Ansari	Italian	Second Floor No 563 in front of the Aghdasiyeh Gas Station Pasdaran St. TEHRAN	+98(21) 26126860 +989125984290

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- EMAIL: office@iranfair.com
- Complaints Email: shekayat@iranfair.com
- Address: Tehran International Permanent Fairground - Chamran Highway - Tehran - Iran - Mailbox : 19395 - 1491

Job Information

- See www.IranTalent.com +98(21) 22777704

Lost and Found

- According to the rules of the exhibitor's the fair booth care equipment, it is the exhibitor's responsibility.
- According to the rules of the visitors' the fair personal care equipment, it is the visitors' responsibility.
- To get help you can always visit the police force stationed in the hall or call to +98(21)110

Mosque\ Religious Center

- Holy Abraham Mosque
- The southwest corner of Expo, Adjacent to the Hall 6 & 27
- Daily Midday Prayers at Azan Time

Opening Time

- | | |
|--------------|--------------|
| - 6 May 2017 | 10 AM – 6 PM |
| - 7 May 2017 | 10 AM – 6 PM |
| - 8 May 2017 | 10 AM – 6 PM |
| - 9 May 2017 | 10 AM – 6 PM |

Parking Place

- There are Three Large Parking at the Iran Fair
 - North Gate(vertical parking)
 - South Gate (Parking Flat)
 - Southwest Gate(Parking Flat)
 - Parking cost: 30.000 RLS (75 CENTS)

Pharmacies

- Pharmacies near the fair:

Name Pharmacy	Pharmacist	Address	Tel
Aramesh	DR. Shokouh Tavaiaizadeh	DR. Shokouh Tavaiaizadeh	+98(21) 22012144
Dr. Maghoul	Dr. Mandana Maghoul	Aftab Tower Aftab St. Vanak TEHRAN	+98(21) 88042602
Dr. Sadeghi	Dr. Sadeghi	No 84 Sherafati St. Vanak Village TEHRAN	+98(21) 88046563
Seoul	DR. Mhavash Salehi	No19 Above Vanak, Seoul St. TEHRAN	+98(21) 88046521
Tour	DR. Mohsen Kazeroni	No 17 Saba Tower, Sheikh Bahae St. TEHRAN	+98(21) 88031884

Police Center

- South Gate Adjacent to the Customs +98(21) 110
- Traffic police +98(21) 120

Press Office

- News headquarters is located in Hall 35

GENERAL INFORMATION

Restaurants

- Restaurants inside the Expo

Great Restaurant Expo	Serving lunch and dinner	North side of Hall 40 A	+98(21) 21912335
Green Hills Restaurant	DR. Shokouh Serving lunch only	In front of Hall 31	+98(21) 22662753
Fast food Restaurant	Serving lunch only Hot and cold food		+98(21) 22662798
Restaurant No. 10 and 11	Serving lunch only	Adjacent to the Hall 11& 10	+98(21) 22662675

Room Reservation\Hotels

- Buy tickets online

- Eligasht.com +98(21) 8540
- Sepehr360.com +98(21) 44231404
- Tcharter.ir +98(21) 95119522
- Alibaba.ir +98(21) 24580000

- Online hotel reservations

- Eligasht.com +98(21) 8540
- Hotelyar.com +98(21) 44698620
- Jabama.ir +98(21) 24580580

Shopping Center

- Palladium Mall
 - P AM – 11 PM
 - Arozi St. After Alef Square Moghaddas Ardebili St. TEHRAN
 - +98(21)22010600
 - Palladiummall.com
- Modern Elahiyeh Shopping Center
 - 10 AM – 10 PM
 - Northern Modares Highway Africa blvd TEHRAN
 - +98(21) 22035585
 - Modernelahiyeh.com
- Arg Shopping Center
 - 10 AM – 11 PM
 - Tajrish Square Saad abad St. TEHRAN
 - +98(21) 22396121
 - Argetejari.com
- Sam Center
 - 1 AM – 10 PM
 - Valiasre St. Fereshteh St. TEHRAN
 - +98(21)2702
 - Samcenter.ir

Taxi

- At the door of the North - South – Southwest travel by the licensed taxis with yellow and green marked.
- To reserve a taxi call to +98(21) 1833 – 1828 - 1804

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 - See www.tourismiran.ir
 - Call to your travel Agency
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- 9 May 2017	10 AM – 6 PM



National Iranian Oil Company



"National Iranian Oil Company; the Highest Acclaim of National Development"

Since the discovery of oil in the soil of Khuzestan plains, Iran's economic and political equations have experienced dramatic changes, leading to significant enhancements in economic and political dimensions of the world.

Unique role of National Iranian Oil Company as the second largest oil company of the world and its impact on the trend of global energy provision as one of the most important OPEC members have led to the creation of a special status of this large generating economic company of Iran. Therefore, there is a huge burden on the main leaders of the oil industry. Having 1140 billion and 200 million barrels of hydrocarbon in place, this company has ranked first in the world in terms of hydrocarbon sources.

Some of the most important tasks on the agenda of the National Iranian Oil Company for achieving its goals in transboundary range include focus on joint oil and gas fields (specially oil reserve in west of Karoon and South Pars joint reserve), increasing the recovery factor, gas injection in oil reserves and elevated oil extract from reserves that are in their second half of life.

In this regard, horizons of oil and gas in the National Iranian Oil Company encompass reaching the production capacity level of 5.7 million raw oil and gas liquid barrels per day, as well as the daily production capacity of more than 1300 million square meters of natural gas at the end of the sixth plan. Meanwhile, paying attention to strategic management, orientation of managing the company according to economic establishment and improvement of agility level of company with modification and enhancement of systems and processes are some of the plans of National Iranian Oil Company for achieving the developmental goals.

The second largest oil company of the world has attempted to use its 66 years of experience of active and independent participation in global arena, so that production of oil and gas is brought to fruition by considering the maximum extraction factor and exploiting accurate and groundbreaking policies.

A review of National Iranian Oil Company

Established in 1951, this company has been responsible for regulating and policy-making the oil industry activities, including exploration, drilling, production, research and development, refining and distribution of oil, gas and petroleum products.

National Iranian Oil Company has performed influential acts for establishment of economic agents according to article 44 of the constitution by entrusting various sectors, while supervising the activities in oil industry. Moreover, this company has been able to take effective steps toward development of this area by providing financial supports and necessary tools for development and growth in line with updating the technology of exploration, drilling and exploitation by trusting Iranian experts and employees.

National Iranian Oil Company is an organized complex, consisting of units of management, headquarters, organization and producing and technical services companies:

- **Management units:** management of international affairs, management of research and technology, management of consolidated planning, management of coordination and monitoring of oil and gas production, information and communication technology management, management of human resource development, finance management, management of legal affairs, exploration management, health management, safety and environment, management of gas export and civil assistance plan oil).

- **Headquarter units:** public relations, selection core, security, inspections and respond to complaints and internal accounting

- **Organizational units:** research center of oil industry, organization of treatment and health, organization of optimization of fuel consumption, pension funds, savings and employee welfare

- **Production companies:** national company of southern oil-fields (including Karoun oil and gas production company, Marun oil and gas production company, Masjed Soleyman oil and gas production company, Gachsaran oil and gas production company, Aghajari and Iran drilling services company, oil welfare services, oil transport and support services, and South Turbine engineering services and industrial equipment company), Iranian central oil fields company (including West oil & gas production company, east oil and gas production company and South Zagros oil and gas production company), Pars oil and gas company, Iranian offshore oil company, Arvandan Oil and Gas Company, and Khazar exploration and production company.

- **Technical services companies:** National Iranian Drilling Company, oil engineering and development company, Tehran company of manufacturing support and procurement, Iranian oil terminals company, Pars special economic energy zone.

Outlook of oil and gas industry of Iran in 1404

Given the status of oil industry of Iran in economy and politics, the outlook of this industry is of paramount importance. In this regard, some goals are considered in Iran's -20year outlook document, such as reducing the energy intensity of the country to less than 0.3 (equivalent to tons of raw oil per a thousand dollars of gross domestic product at constant price in 2000), maintaining the rank of second largest producer of raw oil in OPEC, which requires the maintaining of an appropriate distance from other competitors in terms of production capacity, and achieving the second place in the world regarding the capacity of natural gas production).

Other purposes are achieving first place in the region in terms of refining capacity for creation of the highest added value from hydrocarbon resources of the country, achieving the first rank of the world regarding the value of production and petrochemical products to create the highest added value from hydrocarbon resources of the country and moving toward the first rank of oil and gas technology in the region.

Oil industry; the Second Pillar of the Sixth Development Plan

Traditionally, oil industry has been regarded as the driving force of the economy. While it has been attempted to reduce the duties of this industry in the sixth development plan, industries of gas and oil are still the second pillar of economic flourishing of the country after tax.

National Iranian Oil Company

The aim of the sixth development plan is reaching the average economic growth rate of %8, from which oil and tax revenues have a significant share.

It has been predicted that a total of 142 thousand billion dollars will be achieved from the oil sale from 2021-2016. On the other hand, percent of oil revenues in the sixth national development plan will be improved and the reliance of country's budget on oil revenues will reduce. In the sixth development plan, national development fund has a %30 share of oil and gas liquid sales, which is decided to be increased %2 every year.

Furthermore, the share of national Iranian Oil Company of sale of oil and liquid gas is estimated at %14.5. Share of oil-fields, gas-fields and less developed regions is also determined at %3, which is indicative of one percent growth in this regard.

Minister of oil and senior managers of the oil industry believe that in the sixth development plan, the industry of oil requires 200 billion dollars of investment, where the share of upstream section is calculated at 130 billion dollars.

It has been decided to increase oil and liquid gas production to five million and 280 thousand barrels and gas production to more than 1.2 square meters. Meanwhile, the ministry of oil has aimed to export gas to some of the neighboring countries, such as Iraq, Pakistan, Oman and maybe United Emirates of Arabia, during the period of the sixth development plan.

Moreover, investment in the refining and petrochemical industries has been announced to be about 70 billion dollars during the sixth development plan. Moreover, investment in the refining and petrochemical industries has been announced to be about 70 billion dollars during the sixth development plan

Transition from the Fifth Plan and Bright Horizon for the Oil Industry

Implementation of fifth development plan of Iran, which was carried out with one-year delay (2015-2011), was not associated with achieving all of the goals of document of future perspective due to some factors, such as difficult international situation, sanctions against Iran, and unfavorable economic situation of Iran (especially in the field of oil and gas) in the period before lifting of the sanctions.

While the 11th cabinet of Islamic Republic of Iran attempted to implement some of the defined goals of the document of fifth development plan in the first two years of its inception (-2013 2015), which was in accordance with the two last years of the Fifth Development Plan, the fact is that development of oil industry truly occurred in the last two years of this cabinet and during post-sanction era.

Nevertheless, the ministry of oil has considered four macro plans for the sixth development plan, some of the most important of which include increased production of hydrocarbon resources, in line with creating productive and sustainable wealth along with land use planning considerations.

Some of the other predicted purposes of the ministry of oil for the sixth development plan are securing the supply of domestic gas and petrochemical products with economic and environmental considerations, optimal utilization of the potential of hydrocarbon resources in line with obtaining the first-level rank in the LNG market promotion of oil industry to an upgraded and excelled industry with reliance on domestic and international Interactions.

In this regard, the oil industrialists have aimed to take the first step toward restructuring oil contracts, which will create the necessary foundations for inflow of foreign capitals.

Modification of Contracts in Oil Industry and Opening the Doors to Foreign Investors

After the election of Hassan Rouhani as president and start of the eleventh cabinet, simultaneously with the achievements of this government in joint comprehensive plan, which is regarded as the turning point of political development of Iran, mechanisms of Iranian oil industry undergone many changes as well. In addition, opening of the doors of oil industry to foreign investors has resulted in accelerated production and development of this area.

The policy of oil ministry in modification and definition of a new model of contracts led to

fast-paced attracting of foreign participations. Therefore, transfer of technology and updated experience of top oil industry companies of the world with Iran, in line with financial support of oil projects, was associated with advancing the development goals of oil industry. In this way, the National Iranian Oil Industry has been able to sign many development contracts and cooperation agreements with several top-ranked oil companies in the world over the past year, bringing back the oil industry of Iran to its original path after passing the difficult era of sanctions.

These types of agreements are so important that according to Bijan Zanganeh, minister of oil of the eleventh cabinet, they can lead to the creation of one hundred thousand productive jobs in the country. Therefore, a huge burden is on oil industry of Iran in terms of occupation creation.

- Tripartite Memorandum of Understanding of National Iranian Oil Company, Siemens and Oil Turbo Compressor (OTC) (May, 2016): according to this joint agreement, the mentioned two active companies were responsible for repair of rotating machines in operation areas and refineries and creation of turbines with new capacities.

- **Agreement of National Iranian Oil Company and Russian Zarubej Neft Oil Refinery (July, 2016):** according to this agreement, the Russian company was required to study two key oil fields in the country's west and suggest strategies to increase oil recovery factor.

- **A Memorandum of Understanding signed by National Iranian Oil Company and Pertamina (National Indonesian Oil Company) (August, 2016):** according to this agreement, Ab-Teymur and Mansouri fields of Iran were studied by the Indonesian company.

- **Agreement between National Iranian Oil Company Persia Oil & Gas Industry Development Company (October, 2016):** this was the first agreement based on the new model of Iranian oil contracts, which was signed to develop the fields of Yaran, Bangestan reservoir of Maroon field, Bangestan reservoir of Koupal oil field and Asmari reservoir.

- **Memoriam of Understanding between National Iranian Oil Company and Tatneft Oil Company of Russia (October, 2016):** this memoriam of understanding was signed for the assessment of Dehloran oil field by the Russian oil company of Tetneft.

- **Memoriam of Understanding between National Iranian Oil Company and Lukoil Company of Russia (October, 2016):** in this memoriam of understanding, two oil fields of Mansuri and Ab-Teymur were evaluated by the mentioned Russian company.

- **Agreement between National Iranian Oil Company and a consortium consisting of the companies of Total (consortium leader), CNPC of China and Petro Pars (November, 2016):** this agreement was signed for development of 11th phase of South Pars. In this agreement, 1.8 billion cubic feet of gas will be produced daily from 2020.

- **Memoriam of Understanding between National Iranian Oil Company and Poland's state-owned Oil and Gas Company (November, 2016):** by signing this agreement, Sumar oil field was evaluated by a Polish company.

Memoriam of Understanding between National Iranian Oil Company and Norwegian Company of DNO (November, 2016): the subject of this agreement was assessment of Changuleh oil field.

- **Memoriam of Understanding between National Iranian Oil Company and Gazprom Neft Company of Russia (December, 2016):** according to this memoriam of understanding, two oil fields of Cheshmeh Khosh and Changuleh were evaluated by a Russian company.

- **Memoriam of Understanding between National Iranian Oil Company and Thailand's National Oil Company (PTTEP) (December, 2016):** by signing this agreement, a Thai company studied three Changuleh, Balal and Dalpari oil fields.

National Iranian Oil Company

- **Memoriam of Understanding between National Iranian Oil Company and Royal Dutch Shell (December, 2016):** by signing this memoriam of understanding, evaluation of two oil fields of Azadegan and Yadavaran and Kish gas field were put on the agenda of this English-Dutch company.

- **Memoriam of Understanding between National Iranian Oil Company and Pasargad Energy Development Company (February, 2016):** this agreement was signed for the evaluation of Jafir, Susangerd and Sepehr oil fields.

- **Memoriam of Understanding of oil reserves in south and progress consortium consisting of the 11 European, Canadian and Asian companies and Sharif University of Tehran (December, 2016):** the first memorandum of understanding and confidentiality agreement was signed according to the new contract model of national company of South oil reserves in order to study two Keranj (revenues of Asmari, Pabdeh and Khami) and Shadgan (revenues of Asmari and Bangestan) oil fields.

- **Memoriam of Understanding of National Company of South Oil Reserves and Schlumberger Company (November, 2016):** this memoriam of understanding and confidentiality agreement was signed to study three Asmari, Bangestan and Khami reservoir of Rag Sefid field, Asmari reservoir of Persian field and two Asmari and Bangestan reservoirs of Shadgan field.

- **Memoriam of Understanding of National Company of South Oil Reserves and Tatneft of Russia:** this was signed to study the reservoirs of Asmari and Bangestan of Shadgan field.

South Pars, the Winning Card of the Eleventh Cabinet

The joint field of South Pars has crystallized the determination in oil industry of Iran, regarded as the winning card of the eleventh cabinet in flourishing of oil industry.

This joint field, which is known as the largest gas reservoir of Iran providing half of the natural gas reserves of Iran independently, is so important that a major part of development plan of National Iranian Oil Company has been allocated to this field.

According to the latest estimations, space-saving size of gas in this area is estimated to be 14.2 trillion cubic meters. In addition, this location has reserves of over 19 billion barrels of condensates.

It has been predicted that complete development of the defined phases in South Pars will increase the gas production capacity in this joint field to more than 800 million cubic meters per day and condensate more than one million barrels a day. This act will result in increased production of oil and gas (as one of the specialized subjects in the oil and gas fields of economy of resistance).

While there was no certainty of successful development of huge gas field during sanctions, the initiation of the work of the eleventh cabinet (government of prudence and hope) was associated with achieving a significant part of gas field production goals.

Exploitation of eight phases (20-15, 12 and 20, equal to 11 standard phases) was possible after three years with a 2.5 leap in the production of gas in South Pars. This has constituted for a significant part of the successful record of the eleventh cabinet in oil industry, not only because of job creation, but also due to solving the gas problems during Winter and eliminating the barriers for gas export, condensates and LNG to other countries. Meanwhile, opening of 15 and 16 phases of South Pars alone led to a revenue of 20\$ million USD for our country.

Huge Step by the National Iranian Oil Company toward Exploration and Production of hydrocarbons

Exploration of 66 trillion cubic feet of gas and 15 billion barrels of oil in place until January 21st, 2016 is indicative of the successful exploration record by the National Iranian Oil Company.



This company has also been able to achieve many of its productive goals over the past few decades. Today, the daily production of raw oil, which was 2.65 million barrels in 2013, has reached four million barrels in late March, 2017.

In addition, the daily production of gas from the fields of Iran has increased from 490 million cubic meters in 2013 to 840 million cubic meters. Meanwhile, production at the joint South Pars field had a 2.5 leap, increasing from 240 million cubic meters per day to 570 million cubic meter a day. The National Iranian Oil Company has been able to promote the production rate of condensates at South Pars from 325 thousand barrels in 2013 to 680 thousand barrels today.

Another winning card of Rouhani government is increased production of raw oil at joint fields from 184 thousand barrels per day in 2013 to 380 thousand barrels in 2016.

Two-fold Export of Raw Oil in the Post-sanction Era

The National Iranian Oil Company was able to reach the export rate of two million and 985 thousand of oil and condensate barrels, which is two times more than the time before the lifting of sanctions.

While the majority of oil customers of Iran are Asian, about 700 thousand oil barrels are sold to European countries every day. Meanwhile, our Asian customers, which constitute for the majority of Iran's costumers, buy about one million and 740 thousand of oil barrels from Iran. Given the recognition of Asia as one of the largest consumers of energy in the world, the priority of National Iranian Oil Company is export of %63 of oil produced in this region.

In this regard, a high record of daily export of eight million oil barrels through eight tankers in the last year was submitted at Iranian Oil Terminals Company, which is another success record for the government of prudence and hope.

Three-fold Increase in Production at Joint Oil Fields of West Karoon

Development of joint fields of West Karoon is another important development goal of National Iranian Oil Company due to overlap of hydrocarbon resources of this region with Iraq. This has led to a significant increase in production capacity of raw oil, promoting the status of Iran in international energy markets.

According to the plans, production of raw oil at joint fields of West Karoon, including the five fields of North Azadegan, South Azadegan, North Yaran, South Yaran and Yadavaran, with

National Iranian Oil Company

the oil capacity in place of 64 billion barrels, will increase to 700 thousand barrels per day. However, the culmination of development projects was observed in opening of the first phase of three fields of Yadavaran, North Azadegan and North Yaran.

The president of Iran simultaneously inaugurated the first phase of oil fields of Yadavaran and North Azadegan and the development project of North Yaran on November 2016, 13. By this act, daily extract from West Karoon fields increased to more than 260 thousand barrels per day.

Development of the three Yadavaran, North Azadegan and North Yaran was in the form of buyback contracts, where the development of the first development phase of Yadavaran (with 3\$ billion USD investment) was put on the agenda of Sinopec company of China and development of the first phase of North Azadegan development plan (with 2\$ billion and 550\$ million USD investment) was carried out by the leadership of China National Petroleum Corporation. Field of North Yaran was also expanded by Persian Oil and Gas Company with less than 600\$ million USD.

Development of West Karoon fields has been followed up as one of the main goals of National Iranian Oil Company, leading to significant achievement for this company. In addition, reaching the record of 300 thousand barrels per day from West Karoon joint fields occurs while the amount of production at these fields was about 70 thousand barrels per day during July 2013 and at the beginning of the work of the eleventh cabinet.

Clean Air, the Gift from the Government of Hope and Management to the People of Khuzestan Province

Execution of the second phase of collecting the gas byproducts of petroleum in Khuzestan province was one of the greatest achievements of the National Iranian Oil Company in the post-sanction period, which has been a major step toward the decontamination of air in Ahvaz and Khuzestan.

Although the history of Amak project, which is considered as a prominent environmental measure by the National Iranian Oil Company, goes back to more than a decade ago, international embargos imposed on Iran created significant obstacles against this project, which has been eliminated in the post-sanction period by allowing the presence of renowned companies in this field. This was the gift of clean air to the people of Khuzestan province by the government of hope and management.

Increased Storage Capacity of Raw Oil in the Oil Terminals of Iran

With the increased production rate of petroleum in the post-sanction period, storage of raw oil has gained importance as one of the approaches of the National Iranian Oil Company. Therefore, manufacturing storage sources for 10 million barrels of raw oil was initiated in Gonaveh with the direction of Iranian oil terminal companies and is in rapid process.

Execution of this project, which is in line with supporting the export of raw oil from Khark Island, is a strategic measure for making the production of petroleum continuous, while completing and promoting the value chain of the oil industry in our country.

Furthermore, these storage sources will be part of the produced oil by the West Karoon fields, such that in addition to storing the raw oil produced by the related regions, the produced oil by West Karoon fields are to be increased and stored correspondingly.

Focus on the Development of the Oil Segment of South Pars

Development of the oil segment of the South Pars field, which is known as one of the leading plans of the National Iranian Oil Company, is another achievement to be operated by the 11th cabinet.

In the first phase, this project, which coincides the opening of the five phases in the South Pars in April 2017, was initiated with the presence of the Iranian president. Following this project, daily production will reach 35000 barrels of petroleum per day, while the estimations indicate that the increased production of this field will increase to 70000 barrels in the second phase.

Restarting of the Raw Oil Swap

The company of Iranian oil terminals was inactive for a few years due to the operations regarding raw oil swap. Currently, the company has fully reconstructed the equipment of all the unloading platforms with no problems in the mooring of petroleum tankers. In the case of restarting the swap operations, the oil terminal of the north will be able to perform with the maximum ability previously available (120000 barrels per day).

Presently, establishment of inclusive ponds is under way in order to reinforce and optimize the infrastructures of the swap project. By the execution of this project in various phases, the unloading capacity of raw oil will increase from 120000 barrels to 500000 one million and 1.5 million per day.

Enhancement of the Internal Structure, the Competitiveness Approach of the Oil Industry

In the second year for the office of the hope and management government, the explicit order of the minister of oil and petroleum industries was issued for the complete assignment of producing 10 groups of highly consumed oil items to the manufacturers and industry owners of our country. This has been a valuable step toward the operationalization of the policies revolving around the resistance economy, non-inflation exit from the economic crisis and supporting national production.

Approximately 10 prioritized products and items needed by the oil industry to support national production include the manufacturing of wellhead and complementary downhole equipment, downhole and wellhead pumps, excavation drilling tools, control and safety valves and accessories, different types of pipes, explosion-proof electro-motors, electro-motors with variable speed, rotating machines, cryogenic alloy steels, excavation measurement tools, and intelligent pigs.

Operating of 401 Social Responsibility Projects of the Oil Industry in the 11th Cabinet

Accomplishments of the National Iranian Oil Company far exceeds the developmental activities in oil and gas industries; this company has managed to establish its credibility and execute a substantial part of social responsibilities, particularly in the southern regions and provinces of Iran.

Supervision of the civil projects in the oil zones by the National Iranian Oil Company has registered 401 projects, which have been completed and operated since the beginning of the 11th cabinet until the end of the last year. These projects encompass various sectors of oil industry social responsibilities.

The cost of implementing this number of benefactor projects has been estimated at approximately 120 billion dollars, which has been allocated to the educational, sports, healthcare, transportation and services sectors.

Among these 401 projects, 144 belong to the educational sector, 115 cases were defined in the sports section, 90 have been performed in the healthcare sector, 44 projects were conducted in the services sector and 9 cases have been implemented in the transportation sector. To continue, given the importance of social responsibilities within the past four years, separate work packages have been defined for the CSR activities in the South Pars and West Karoon zones and approved by the economy council. In the case of the final approval and implementation of these packages, 3% of the approved credits of the development projects in each region will be allocated to the field of social responsibilities.

Undoubtedly, the National Iranian Oil Company has taken great steps toward achieving the defined goals in resistance economy by exploiting its outstanding capacity and interactive policies of the government of hope and management, to conquer the global markets again. These steps will take the second most important oil industry to its destination owing to the noteworthy achievements of the 11th cabinet.

National Iranian Gas Company



Using natural gas as a heating fuel is one of the various uses of this invaluable fuel. The real and major importance of natural gas can be realized regarding the natural gas plentiful added value and its capabilities for being converted into thousands of valuable economic commodities in the oil and petrochemicals industry as the primary material and the energy resource. The growing need for gas to provide energy and fuel, and the foreign currency resulted from sales and export for investment and launching primary industries in the country, reinforced the idea of bundling gas industry related activities. Therefore, in line with this, and based on the legal statute, NIGC as one of the four major subsidiaries of Iran's Oil Ministry was established. The initial capital of the company amounted to 25 billion Rials, in 1965.

Since its establishment, NIGC has gradually achieved capabilities and managed to have access to various sources and facilities such as experts and efficient human force equipped with scientific and theoretical vision and knowledge, tools, equipment, machinery and various advanced workshops for implementing its operations proportionate with the economic and social development trend of the country, so that it can independently accomplish all the related tasks complying with the valid international acceptable standards.

Right now, The NIGC is one of the top ten gas companies in the gas industry in the Middle East, and one of the four major subsidiaries of the Oil Ministry. Having over 51 years of experience, it is responsible for providing over 70 percent of the fuel required by the country. The company, in terms of providing gas, does own an important position both inside the country and abroad and proportionate with its needs and expansion of its activities in the country and abroad, it has taken measures to revise its structure. While maintaining and reinforcing its potential in hardware and software terms, the NIGC has recruited experts and trained staff and updated its experienced staff knowledge.

A Glance at the NIGC Administration and Organization Staff

The National Iranian Gas Company is comprised of eight directorates as follows:

1. Natural Gas Production Coordination and Supervision Directorate
2. Financial Affairs
3. Planning
4. Research and Technology
5. Human Resource Development
6. Gas Distribution

7. Natural Gas Distribution Supervision and Coordination (Dispatching)

8. International Affairs

In addition to the mentioned directorates, there are thirteen departments which directly report to the managing director as follows: Public Relations, Legal Affairs, Inspection and Complaint Consideration Affairs, Internal Auditing, Security, Assembly Affairs, Executive Affairs of Violation Investigation, Technical Inspection, Health, Safety and Environment (HSE), Information and Communication Technology, Commercial Expertise Affairs, Recruitment Affairs, and Structural Engineering Affairs.

The Subsidiary Companies of the National Iranian Gas Company

The National Iranian Gas Company is also comprised of 53 subsidiary companies that each of them is active in different fields of natural gas industry with independent directorates. These companies are as follows:

a) Provincial Gas Companies

At present, there are 31 provincial gas companies throughout the country which are responsible for gas delivery to the cities, villages, power plants, industries and commercial centers.

b) Gas Processing Companies

Gas processing companies act under the supervision of Natural Gas Production Coordination and Supervision Directorate. This directorate supervises and utilizes thirteen processing plants. It is projected that through implementation of the development projects by 2025, the number of the gas processing companies will be enhanced and based on the planning, the total gas processing capacity of NIGC will add up to 1200 Million Cubic Meters (MMcm) per day, provided that all processing development projects are realized by 2025. The gas processing companies which work under the supervision of this directorate are as follows:

1. Bidboland I and Masjed Soleyman Gas processing plants
2. Shahid Hasheminezhad Gas processing plant
3. Sarkhun and Qeshm Gas processing plant
4. Parsian Gas processing plant
5. Ilam Gas processing plant
6. Fajr Jam gas processing plant
7. South Pars Gas Complex Company

Iranian Gas Engineering and Development Company

Iranian Gas Engineering and Development Company is one of the subsidiaries of the NIGC. Based on the executive system of oil industry projects, the company is responsible for the implementation of National Iranian Gas Company master plans. In terms of the volume of under implementation projects, the company is the biggest one in the NIGC and invests most of the credits. The company is in charge of designing and construction of gas transmission pipelines, gas boosting stations, development of processing plants and infrastructure facilities.

Iranian Gas Transmission Company

Iranian Gas Transmission Company is one of the other subsidiaries of NIGC. Since the establishment of NIGC in 1965, Gas Transmission Company was active under the supervision of Gas processing and Transmission Company. In 2005, the transmission directorate was organizationally separated from the processing sector and in 2006 the Gas Transmission Company was established. The most important task of the company is receiving natural gas, Ethane, LPG and gas liquids from domestic and foreign production sources and transferring it to domestic production terminals and export terminals.

The Iranian Gas Transmission Company is comprised of seven managerial districts and 10 operational zones. The company is responsible for operation management of about 37000 km gas pipelines all over the country. It is noteworthy that the above.mentioned constructed pipelines which start from production resources to gas processing plants and continue up to the consumption points, are considered to be the main arteries of gas transfer throughout the country. It is obvious that the complexity and sensitivity of the

National Iranian Gas Company



job cannot only be sensed through referring to some figures in this regard.

However, it is noteworthy that having assurance of more than 600 MMcm of natural gas transfer from the production regions to consumption points and export terminals could not be materialized without the efforts of more than 4000 hardworking personnel and the management of 78 high pressure boosting stations, the existence of 268 compressors and administration of a modern telecommunication and telemetry network.

Iranian Underground Gas Storage Company

Iranian Underground Gas Storage is one of the other major subsidiary companies of the NIGC established in 2007 aiming at building and maintaining balance between the natural gas production and consumption in specific circumstances (sudden temperature drop) and also organizing, expanding,

developing and speeding up underground gas storage activities in Iran. The company is responsible for continuing the current projects and defining new projects. It started momentum for surveying and studying in various parts of the country to identify potential underground structures suitable for gas storage; and studied 217 reservoirs over a year. At present, Shoorijeh and Sarajeh underground gas storage reservoirs with an annual capacity of 4 BCM is operational and the Yortsha, and Nasr Abad reservoirs are under different phases of study and implementation.

Iranian Gas Commerce Company

Iranian Gas Commerce Company as one of the other NIGC subsidiary companies was established in 2007 in line with the macro objectives and policies to fulfill the following detailed tasks:

- Commerce activities including marketing, purchase, sales, import, export, goods and equipment commissioning and some hydrocarbon derivatives including natural gas, Liquid Petroleum Gas (LPG), Liquefied Natural Gas (LNG), gas liquids, gas condensates, sulfur and other processing products
- Carrying out goods related tasks including warehouse keeping, customs formalities, and other relevant activities
- Rendering technical and expertise services, goods technical inspection, updating and classifying goods, developing vendor lists and some other relevant activities

The NIGC Strategic Objectives

The NIGC major objectives can be surveyed in two different sections: national and international.

In both sectors, the main principle is customer satisfaction and maximum productivity achievement.

In line with this and based on the outlook document (2025 horizon), the NIGC aims at ranking the third among natural gas producers in the world to achieve 8 to 10 percent of the global gas trade share. The second objective of the NIGC is ranking the first in the region in terms of gas technology.

Plans and policies of the NIGC in international level and ranking the third in the world and achieving a share of 10 percent of natural gas trade in the world are as follows:

1. Processing about 1200 MMcm per day of natural gas
2. Enhancing natural gas share in the energy basket of the country by 70 percent, through substituting liquid oil products for natural gas
3. Increasing natural gas export to regional and international markets through pipelines and other methods
4. Attracting foreign investment through capital markets and/or joint projects
5. Economic firms running vision and improving structure to maximize profitability and competition in international markets
6. Maximization of the added value through using gas in energy consuming industries and/or establishment



of industries like GTL

7. Reinforcing private sector in downstream and gas distribution industries
8. Cooperation with the neighboring countries in the region in production and transmission affairs
9. Impressing gas management status in the region
10. Adjusting natural gas pricing system

Top Five Gas Reserve Holder countries in the World by the End of 2016

Unit: Trillion Cubic Meters

Iran	34
Russia	32.3
Qatar	24.5
Turkmenistan	17.5
USA	10.4

Iranian Gas Market privileges and advantages

1. The shortest route to global markets
2. Having the huge infrastructures for transferring gas abroad
3. The minimum required investment
4. Possibility of transit to Turkey, Europe and Persian Gulf region countries
5. Possibility of gas swap to the adjacent countries
6. Existence of potential major consumers
7. Owning 34 TCM proven gas reserves and ranking the first among gas owning countries
8. Ranking the fourth among producers
9. Having necessary infrastructures for gas export and swap and transit to Europe, East Asia and Persian Gulf region countries
10. Having geographical features for active participation in the global LNG markets

National Iranian Gas Company

National Iranian Gas Company's achievements during 11th government



Energy as one of the most significant concepts of economic activities, plays a strategic role in developing societies' economic systems and is regarded as the most crucial factors of sustainable development. In other words, energy like other production inputs including capital and labor is categorized as the conceptual element of economic growth which planning to get reliable reserves of it to increase energy security is unavoidable.

Oil and natural gas are the most essential energies in the global energy mix which according to many official studies, will still keep their significance within coming decades. Natural gas, regarding less pollutant emission in conversion process to heat, is being regarded as the better and clean energy in the point of environmental considerations, which are quite serious and precondition for sustainable development. Along with natural gas' environmental advantages, wider geographical distribution of natural gas reserves as well as competitive prices in comparison with other fuels has risen natural gas share in the world energy mix.

According to the last international statistics, Islamic Republic of Iran is now the first in the world's natural gas owners rankings by having 34 TCM of proved gas reserves which equals 18 percent of the global reserves. owning such huge reserves has led energy policy makers to plan higher gas production, transmission, storage and distribution capacities around the country to replace oil products with natural gas and grow natural gas share in national energy mix, to stop skyrocketing consumption of oil products, while more export or less import of the products result in higher national income and wealth.

National Iranian Gas Company today, after more than half a century of its establishment, as the greatest energy provider in the country is supplying more than 70 percent of national energy consumption. The position which was hardly believable when it was founded 50 years ago. Strategic view and planning by petroleum ministry during 11th government, has caused sharp growth in production and supply of natural gas since 2103. National Iranian Gas Company as the world's third biggest gas supplier after the US and Russia, is playing a strategic role in both domestic and foreign energy supply side.

Development of natural gas' foreign trade to improve the country's position in regional and international energy markets alongside increase in natural gas share to fuel domestic consumption are parts of strategic and significant goals of NIGC.

To achieve the goals, spectacular success in escalating natural gas supply chain in treatment, transportation, distribution and storage sectors are recorded as performance indices below:

-major actions of NIGC within 11th government

Less oil products consumed in power sector

With sharp increase in gas allocation to power plants, average daily consumption of natural gas in 2014 has



decreased 23.8 Million liters (8.7 Billion Liter per year) in comparison with a year ago. The trend continued in 2015 with more replacement of 16.1 Million liters (5.9 Billion Liter per year) comparing with the previous year. As a matter of fact, the sharp decrease in oil products allocation to power plants has amounted to 32 percent per annum. Besides the effects of replaced fuels on green house gas emissions decrease, number of clean air days in metropolitans and environment protection which all are the 11th government preferences, cost saving in power plant sector amounted to 1.85 billion \$ in 2014. The figure was 1 billion \$ in 2015 and the trend continued in 2016.

Higher energy security and public welfare

NIGC in accordance with 11th government policies to widen social equality, lower economic deprivation and cover resistant economy policies, has prepared required infrastructures to transmit natural gas all around the country especially to villages. This has caused higher employment rate, happiness and welfare in remote areas.

More Investment :

investment and allocation of financial resources to NIGC's projects in gas transmission trunk lines as well as urban and rural distribution networks has raised dramatically in 11th government. So that the number of finished projects within 2015-2014 is unprecedented in all 5 decades of its activities.

Gas Distribution Network Development

Before 11th government, 975 cities and 14419 villages were using natural gas through national gas network. During the government's 4 year period, the figures amounted in 1083 and 23000 respectively. So that for the time being, 97 percent of residential units in urban areas and 70 percent of them in rural regions are connected to national natural gas network.

Gas transmission to cities and villages in remote areas to maximize the number of consumers of the clean and inexpensive energy has been the 11th government's priority. So that about 636 thousand kilo meters of urban and rural network have been constructed. Also 1320 thousands of new consumers were added to provide natural gas for about 4 millions of new consumers in rural and urban regions. Statistics show a 19 percent increase in this sector as well.

Gas transmission via Compressed Natural Gas (CNG) to remote areas

Following the approval by the country's economic council as part of the economic resistance policies, to keep environment and increase public welfare level, gas transmission through CNG to the regions with tough access conditions as well as remote areas started by NIGC. Based on the new law, in coming years, all cities and villages which are not easily accessible by pipeline will be connected to the national natural gas resources through CNG. Currently four CNG projects around the country are being completed

National Iranian Gas Company



in different regions and the first one was inaugurated in July 2016.

Gas transmission to Sistan & Baluchestan province as one of the most conceptual policies of the NIGC on behalf of the 11th government to widen development infrastructure in deprived areas, has been a major preference of the company's plans. Completing the project Iranian citizens in Zahedan and other cities of the south eastern province will be the newer gas consumers as the last center of the province which has been connected to the gas network. 11th government wishes to improve the necessary development infrastructure in order to facilitate economic and social growth in the developing province.

Prevention of immigration to the more developed provinces, protection of the environment, stopping the jungles' destruction, providing consumers with the cleanest fossil fuel and its profits for the household costs as well as replacement of liquid fuels.

Gas supply to power plants also has increased 13 percent. The number of gas consuming power plants have increased to 79 from 68. According to the current statistics, the annual share of natural gas in power plants' primary energy mix has sharply increased from 52 the figure also has been risen to 96 percent within the first half of 2016, while the number of gas consuming power plants went up 11 units to 79.

Natural Gas Transmission to rural areas in 11th government

	No of villages	Number of household consumers	Coverage Percentage	Average daily number of villages	Investment (Million Rials)
Before 11th government	14183	2965438	55	---	----
2013	1733	211537	4	5	5634826
2014	1710	203706	4	5	7498360
2015	2450	272585	5	7	16976779
2016 (projection)	3075	273853	5	9	38914611
Total within 11th government	8968	961681	18	7	69024576
Total at the end of 11th government	23151	3927119	73	---	-----

According to projections, during the last 3 months of 2016 the number of gas consuming villages will be about 15

Gas treatment capacity development

During 11th government, more than 700 BCM of natural gas has been treated which shows 31 percent increase comparing with the previous government. To transport such huge amount of natural gas about 2 thousands kilo meters of new gas transmission pipeline as well as 5 compressor stations including 15

turbo compressors has been constructed, for the time being more than 37 thousand kilo meters of high pressure transmission line with 76 compressor stations and 257 turbo compressors are being operated to transport natural gas from production sites around the country.

Increase in gas injection to under ground gas storage

Increase in gas injection into the underground natural gas storages is considered as the other significant achievement of the 11th government. Before 11th government, total injected natural gas was about 1034 MCM, the figure amounted to 5813 MCM within the new government.

International relations development

Development of the relations with 4 neighboring countries including turkey, Azerbaijan, Armenia and Turkmenistan based on natural gas trade is the main approach of the 11th government under the «join comprehensive plan of action». According to the agreements, Iraqi citizens will soon use the electricity generated from the power plants which use natural gas imported from Iran.

Simultaneously, negotiations with 4 new commercial partners are being conducted and in the near future, natural gas extracted from the world's biggest gas reserve will be exported to some new regional markets. Iran's mid and long term strategy is to penetrate into the EU gas market and creating a new axis based on gas trade with the green continent in order to achieve the suitable share of the gas global trade which is sensible for the world's first and biggest gas owner.

ACTIVITY	UNIT	From Beginning to july 2013	From beginning to November 2016	11 th government achievement
Natural Gas Extract	BCM	2185	2877	691
Constructed Natural Gas Transmission Pipelines	KM	34996	37151	2155
Operated Gas Transmission Pipelines	KM	32438	34192	1754
Operated Gas Compressor Stations	No	71	76	5
Installed Turbo Compressors	Unit	244	259	15
Gas Delivered to storage	MCM	1034	6848	5814
Power Plants Receiving Natural Gas	Unit	68	79	11
Constructed Urban & Rural Gas Networks	KM	241333	304991	63658
No of Urban & Rural Household	No	9241820	10568583	1326763
No of Urban and Rural Gas Subscribers	No	16764296	29731538	3967243
No of Urban & Rural Households	No	20519009	24342857	382348

National Iranian Oil Refining & Distribution Company (NIORDC)



Company Profile

National Iranian Oil Refining & Distribution Company (NIORDC) was established on the basis of the principle of separating the up-stream (exploration and production of crude oil and gas) from the down-stream (refining, crude and products transporting, export, import and distribution of petroleum products) activities in March of 1991. Later that year, NIORDC officially began its activity as one of the four major subsidiaries of the Ministry of Petroleum. NIORDC fulfils its mission through three operating subsidiaries and nine oil refining companies.

NIORDC offers its services using 20,000 experienced employees. In view of the increasing demand for petroleum products, NIORDC has embarked upon expanding, upgrading and optimizing its existing refineries, as well as building new grass-root refineries.

In addition to crude oil refining, NIORDC's activities are also focused on engineering, construction, distribution and transportation of oil products which are embodied into its three major subsidiaries: NIOPDC, NIOEC and IOPTC.

Abadan Oil Refining Company

Date of Establishment: 1909

Production Date: 1912

Capacity: 400,000 bpd

Feedstock: Light crude oil from Ahwaz-Asmari, Heavy crude oil from Central Zone of Darkhovin, Sour crude from Omidiyeh, and Condensates

Production Units

Atmospheric Distillation, Vacuum Distillation, Visbreaker, LPG Recovery, Fluid Catalytic Cracking (FCC), Alkylation, Catalytic Reformer (CRU), Isomerization, Propylene Recovery, Gasoline Hydrotreater, Naphtha Hydrotreater, Sulfur Recovery and related utilities

Certificates

ISO 9001, ISO/TS 29001, ISO 14001, OHSAS 18001, ISO 50001, HSE/MS

Ownership: NIORDC

Average Production of Main Products (March 2015 -March 2016)	
Product	(Production Rate (m ³ /d
LPG	2,100
Gasoline	9,350
Kerosene	2,300
Gas Oil	17,500
Fuel Oil	19,400
Naphtha	5,200
(Heavy Jet Fuel (ATK	50

Contact Details

Address: Abadan, P.O. Box: 555

Postal Code: 6316915651

Tel: 53228080 61(0) 98+

Fax: 53228050 21(0) 98+

Website: www.abadan-ref.ir

Imam Khomeini Shazand Oil Refining Company

Date of Establishment: 1989

Production Date: 1993

Capacity: 250,000 bpd

Feedstock: Iranian light crude oil from Ahwaz-Asmari and North Dezfoul

Production Units

Atmospheric Distillation, Vacuum Distillation, Visbreaker, LPG Recovery, Naphtha Hydrotreater, Gasoline Hydrotreater, Kerosene And Gas Oil, Continuous Catalytic Reformer (CCR), Isomax, Sulfur Recovery, H₂ Production, Isomerization, Residue Fluid Catalytic Cracking (RFCC), Reduced Crude Desulfurization (RCD), Propylene Recovery and related utilities

Certificates

ISO 9001, ISO 14001, ISO 50001, ISO 27001, OHSAS 18001

Ownership: NIORDC

Average Production of Main Products (March 2015 -March 2016)	
Product	(Production Rate (m ³ /d
LPG	2,650
Gasoline	14,000
Kerosene	1,100
Gas Oil	9,500
Fuel Oil	7,700
Heavy Jet Fuel (ATK)	950

Contact Details:

Address: 20th km of Arak- Borujerd Road

P.O. Box: 1448

National Iranian Oil Refining & Distribution Company (NIORDC)



Postal Code: 41111-38671
Tel: 4-33674541 86(0) 98+
Fax: 66153035 21(0) 98+, 33688244 86(0) 98+
Website: www.ikorc.ir

Esfahan Oil Refining Company

Date of Establishment: 1976
Production Date: 1979
Capacity: 375,000 bpd
Feedstock: Iranian light crude oil from Maroon-Shadegan

Production Units

Atmospheric Distillation, Vacuum Distillation, Visbreaker, Naphtha Hydrotreater, LPG Recovery, Catalytic Reforming (CRU), Continuous Catalytic Regenerator(CCR), Isomax, H₂ Production, Isomerization, Sulfur Recovery and related utilities

Certificates

ISO 2008) 9001), ISO/TS 2010) 29001), ISO 2004) 14001), OHSAS 2007) 18001)

Ownership: Private sector (under the supervision of NIORDC)

Average Production of (Main Products (March 2015 -March 2016	
Product	(Production Rate (m ³ /d
LPG	2,200
Gasoline	12,100
Kerosene	2,700
Gas Oil	20,900
Fuel Oil	10,900

Heavy Jet Fuel (ATK)	1,200
Naphtha	1,000

Contact Details

Address: 5th km of Esfahan-Tehran Road

P.O. Box: 415-81465

Postal Code: 833511315

Tel: 33802727 31(0) 98+

Fax: 36686962 31(0) 98+

Website: www.eorc.ir

Bandar Abbas Oil Refining Company

Date of Establishment: 1992

Production Date: 1997

Capacity: 320,000 bpd

Feedstock: Heavy crude oil, Condensates

Production Units

Atmospheric Distillation, Vacuum Distillation, Visbreaker, LPG Recovery, Kerosene Hydrotreater, Naphtha Hydrotreater, H₂ Production, Catalytic Reforming (CRU), Continuous Catalytic Reformer (CCR), Isomax, Sulfur Recovery and related utilities

Certificates

ISO 2008) 9001), ISO 2004) 14001), ISO/TS 2010) 29001), ISO 2011) 50001), ISO/IEC 2010) 17025), HSE/MS, OHSAS 2007) 18001), IMS

Ownership: Private sector (under the supervision of NIORDC)

Average Production of (Main Products (March 2015-March 2016	
Product	(Production Rate (m ³ /d
LPG	1,250
Gasoline	8,050
Kerosene	2,700
Gas Oil	15,500
Fuel Oil	10,600
Jet Fuel	590
Naphtha	3,100

Contact Details

Address: Bandar Abbas, P.O. Box: 3184-79145

Tel: 33130623 21(0) 98+ ,33564180 76(0) 98+

Fax: 33564157 76(0) 98+

Website: www.baorco.ir

Tabriz Oil Refining Company

Date of Establishment: 1974

Production Date: 1978

Capacity: 110,000 bpd

National Iranian Oil Refining & Distribution Company (NIORDC)



Feedstock: Crude oil from Ahwaz-Asmari

Production Units

Atmospheric Distillation, Vacuum Distillation, Visbreaker, LPG Recovery, Naphtha and Kerosene Hydrotreater, H₂ Production, Benzene Extraction, Catalytic Reforming (CRU), Continuous Catalytic Reformer (CCR), Isomax, Sulfur Recovery, related utilities

Certificates

ISO 2008) 9001), ISO 2004) 14001), ISO/TS 2010) 29001), OHSAS 2007) 18001)

Ownership: Private sector (under the supervision of NIORDC)

Average Production of (Main Products (March 2015 -March 2016	
Product	(Production Rate (m ³ /d
LPG	560
Gasoline	3,900
Kerosene	650
Gas Oil	6,000
Fuel Oil	3,400

Contact Details

Address: Sardroud junction, AzarShahr road, Tabriz

P.O. Box: 4156

Postal Code: 5197131111

Tel: 85-34205570 41(0) 98+

Fax: 35248791 41(0) 98+

Website: www.tbzrefinery.co.ir

Tehran Oil Refining Company

Date of Establishment: 1965

Production Date: 1969 (south division), 1973 (north division)

Capacity: 250,000 bpd

Feedstock: Iranian Light crude oil from Ahwaz-Asmari, Crude oil of Maroon-Shadegan

Production Units

Atmospheric Distillation, Vacuum Distillation, Lube tower, Visbreaker, LPG Recovery, Naphtha Hydrotreater, Kerosene Hydrotreater, Gas oil Hydrotreater, H₂ Production, Isomerization, Catalytic Reforming (CRU), Isomax, Sulfur Recovery and related utilities

Certificates

ISO 2008) 9001), ISO 2004) 14001), ISO/TS 2007) 29001), OHSAS 2007) 18001), ISO 2011) 50001), HSE/MS

Ownership: Private sector (under the supervision of NIORDC)

Average Production of (Main Products (March 2015 -March 2016	
Product	(Production Rate (m ³ /d
LPG	1,500
Gasoline	6,100
Kerosene	1,450
Gas Oil	13,300
Fuel Oil	7,400
Jet Fuel	1,600

Contact Details

Address: Refinery Blvd., Before Baghershahr, Old Tehran-Qom Road

P.O. Box: 4173-18735

Postal Code: 1879913111

Tel: 51-55901021 21(0) 98+

Fax: 61622551 21(0) 98+

Website: www.tehranrefinery.ir

Shiraz Oil Refining Company

Date of Establishment: 1971

Production Date: 1973

Capacity: 58,000 bpd

Feedstock: Crude oil from Gachsaran, Sarvestan and Sa'adat Abad, Condensate from Dalan and Aghar fields

Production Units

Atmospheric Distillation, Vacuum, Distillation, Visbreaker, LPG Recovery, Naphtha Hydrotreater, Kerosene Hydrotreater, H₂ Production, Catalytic Reforming (CRU), Isomax, Sulfur Recovery and related utilities

Certificates

ISO 2008) 9001), ISO 2004) 14001), OHSAS2007) 18001), (IMS)

Ownership: Private sector (under the supervision of NIORDC)

National Iranian Oil Refining & Distribution Company (NIORDC)

Average Production of (Main Products (March 2015 -March 2016	
Product	(Production Rate (m ³ /d
LPG	240
Gasoline	1,400
kerosene	200
Gas Oil	3,300
Fuel Oil	1,900
Jet Fuel	170

Contact Details

Address: 22th km of Shiraz-Esfahan Road

P.O. Box: 1445-71365

Postal Code: 7349163115

Tel: 9-8217561 3 71(0) 98+

Fax: 8218282 3 71(0) 98+

Website: www.sorc.ir

Kermanshah Oil Refining Company

Date of Establishment: 1919

Production Date: 1922

Capacity: 21,000 bpd

Feedstock: Crude oil from Naftshahr, Sarkan, MalehKouh and Ahwaz-Asmari

Production Units

Atmospheric Distillation, LPG, Recovery, Naphtha Hydrotreater, Kerosene Hydrotreater, Catalytic Reforming (CRU), Pentane Production Plant and related utilities

Certificates

ISO 2008) 9001), ISO 2004) 14001), ISO/TS 2010) 29001), OHSAS 2007) 18001) (IMS)

Ownership: Private sector (under the supervision of NIORDC)

Average Production of (Main Products (March 2015 -March 2016	
Product	(Production Rate (m ³ /d
LPG	70
Gasoline	630
Kerosene	100
Gas Oil	960
Fuel Oil	1,250

Contact Details:

Address: Shahid Beheshti Blvd, Kermanshah

P.O. Box: 99794-67147

Tel: 1497100 3 83(0) 98+

Fax: 8363022 3 83(0) 98+

Website: www.korc.ir

Lavan Oil Refining Company

Date of Establishment: 1975

Production Date: 1976

Capacity: 60,000 bpd

Feedstock: Crude oil from Lavan oil fields, Condensate from South Pars

Production Units

Atmospheric Distillation, Vacuum Distillation, LPG Recovery, Naptha Hydrotreater, Kerosene Hydrotreater, Gas oil Hydrotreater, Catalytic Reforming (CRU), Isomerization and related utilities

Certificates

ISO2008) 9001), BS EN ISO1994) 9002), ISO2006) 14001), ISO/TS2010) 29001), ISO2011) 50001), OHSAS1999) 18001)

Ownership: Private sector (under the supervision of NIORDC)

Average Production of (Main Products (March 2015 -March 2016	
Product	Production Rate (m ³ /d
LPG	130
Gasoline	2,100
Gas Oil	2,800
Fuel Oil	2,000

Contact Details

Address: Shiraz

P.O. Box: 568-71365

Tel: 7-8316245 3 71 (0) 98+ ,61623140 21(0)98+

Fax: 8316250 3 71 (0) 098 ,33130116 21(0) 98+

Website: www.lorc.ir

National Iranian Oil Products Distribution

Company (NIOPDC)

National Iranian Oil Products Distribution Company (NIOPDC) was established in 1928, thus contributing to supplying and distribution of petroleum products in the country for over 85 years. NIOPDC, with more than 6,243 employees and about 10,000 contractors, utilizes the following facilities to perform its duties:

37 regions

232 districts

3,742 vehicle fuel stations

2,320 CNG fuel stations

50 aviation fuel stations

12,000 oil tankers, trucks and LPG carriers

5 marine tankers and floating vessels

13 billion liters of storage facilities for the main refined products

NIOPDC is responsible for managing the supply and supervising over the daily distribution of more than 200 million liters of different petroleum products throughout the country. The Company's organizational structure has 9 management department including Finance , Commercial , Import & Export, Planning, supply & Distribution, Fuel Smart Card System, Operation, Human Resources, Engineering, Projects, CNG and also 9 immediate sections including HSE, Legal , Technical Inspection, Research and Development,

National Iranian Oil Refining & Distribution Company (NIORDC)

Security, Internal Audit, Public Relations and Auction Commission.

NIORDC is keen to achieve its mission and fulfil its goals by utilizing advanced technologies, modernizing the all operational and administrative affairs with the purpose of obtaining the highest rank, in petroleum products distribution industry, in the region.

Capabilities

Planning and outlining strategies of petroleum product distribution

Management and distribution of petroleum products and CNG

Monitoring the distribution operations

Maintenance of installations related to storage and distribution of petroleum products

Installation of storage tanks for petroleum products

Implementation and supervision of Smart Card Center for Gasoline and Gas oil distribution

Average Distribution of Main Refined (products (March 2015 -March 2016	
Product	(Production Rate (m ³ /d
LPG	10,000
Gasoline	71,100
Kerosene	8,500
Gas Oil	83,200
Fuel Oil	25,600
Total	198,400

Contact Details:

Address: Corner of Shahid Baradaran Shadab St., North Iranshahr Ave., Tehran

Postal Code: 1583746911

Tel: 84129 21 (0) 98+

Fax: 88325254 21 (0) 98+

Website: www.niopdc.ir

National Iranian Oil Engineering and Construction Company (NIOEC)

The National Iranian Oil Engineering and Construction Company (NIOEC), as one of the subsidiaries of NIORDC, is responsible for the implementation of downstream projects, including the construction of refineries and storage tanks, and installation of crude oil and products pipelines throughout the country.

A. Refinery Implementation, Upgrading & Capacity Expansion Projects:

Major Experiences of NIOEC

Construction of Imam Khomeini Shazand Refinery

Construction of Bandar Abbas Refinery

Construction of oil plant in Esfahan Refinery

Debottlenecking of Bandar Abbas Refinery's capacity

Modernization and upgrading of Abadan Refinery (phase 1)

Process optimization and product quality improvement of Tehran Refinery

Capacity increment and product quality improvement of Imam Khomeini Shazand Refinery

Under construction projects:

Increasing Gasoline production of Bandar Abbas Refinery

Process development and optimization of Esfahan Refinery

Development and capacity stabilization of Abadan Refinery

B. Pipeline construction and Utility Projects:

Installation of more than 14,500 km of crude oil and refined product pipelines

Construction of more than 170 pump stations

Construction of more than 1000 Countrywide oil storage tanks and storage facilities for petroleum products

Increment the transferring capacity of Bandar Abbas-Rafsanjan route

Crude oil transferring of from CIS Countries (phase 1)

Increment of transferring capacity of Imam Taghi-TorbatHeydariyeh route

Increment of transferring capacity of Tabriz-Miyandoab route

Construction of Ardebil oil depot

Construction of Abadan-Mahshahr pipeline

Construction of a complimentary 26" pipeline (for fuel oil) from Black Area to Mahshahr exporting port

Construction of Rey-kan and Rey- ghochak pipeline

Construction of 11 storage tank in Abadan Refinery project

Construction on Ballast Tanks of Sari/ Maghanak Project

Under construction pipeline projects:

Construction of pump stations and terminals for Abadan-Mahshahr pipeline

Construction of Tabriz-Orumiyeh pipeline

Construction of fuel pipeline for Chabahar power plant

Construction of Naiin-Kashan-Rey pipeline

Construction of water pipeline in Bahmanshir-Abadan refinery route

Construction of condensate pipeline to transfer Farashband gas plant to Shiraz refinery

Construction of pipeline Abadan-Arak-Tehran

Construction of Sabz Ab-Rey Sour crude pipeline

Construction of new Bandar Abbas-Sirjan-Rafsanjan Pipeline

Construction of Goureh-Jask Crude Oil Pipeline Project and Jask Installation

Construction of Tehran side-way pipeline

Construction of storage tanks in Jamal Ahmad District of Bandar Abbas

Overseas Projects

Construction of a Gasoline Production Unit in Turkmenbashi Refinery, Turkmenistan implemented in 2001.

Oil Jetty and Port Projects:

Rehabilitation of Mahshahr exporting port

Development of Shahid Rajaee Jetty and Bandar Abbas steel complex

Contact Details

Address: No.263, OstadNejatollahi Ave., Karim Khan Blvd., Tehran

P.O. Box: 714/11155

Postal Code: 1598833411

Tel: 88907472 21(0) 98+

Fax: 88943029 21(0) 98+

Website: www.nioec.org

Iranian Oil Pipelines and

Telecommunications Company (IOPTC)

Iranian Oil Pipelines and Telecommunications Company (IOPTC) is another major subsidiary company of NIORDC, whose mission is to perform an efficient role in blossoming and optimizing the national economy. 186 pump stations, pressure reduction and oil transport installations securely transfer crude oil from production fields to the refineries. Also IOPTC is responsible for receiving the petroleum products (including gasoline, kerosene, gas oil, fuel oil and jet fuel) from refineries and import terminals, transferring the refined or imported products to the storage depots throughout the country, supplying fuel for some power plants and airports, supplying a part of petrochemical feedstock and generally controlling a network with the transfer capacity of 123 billion liters of oil and petroleum products per year using 14,000 km of pipelines and 256 telecommunication stations.

Pipeline Management

This division performs its tasks through 12 operation zones; consisting of Tehran, Khoozestan, Lorestan, Markazi, north-east, Fars, north-west, Esfahan, west, south-east and north of Persian Gulf. Pipeline management is responsible for controlling a network with annual operational capacity of more than 56 billion ton-kilometres which transfers crude oil and petroleum products, supplies the refineries, transfers the products of refineries, and transfers the imported products to the assigned storage tanks. In order to

National Iranian Oil Refining & Distribution Company (NIORDC)



succeed in fulfilling these tasks, and in addition to accessibility roads to the pipelines and benefiting from the most experienced operational staff, this division of IOPTC uses the following facilities:

- 14,000 km of pipelines, with a range of 6" to 36"
- 186 pump stations, pressure reduction and oil transport installations
- 320 cathodic protection (CP) stations
- 1,350,000 HP Power Installed in pump stations and major facilities
- 375 sets of main pressure enhancement pumps
- 163 sets of turbine
- 248 sets of electromotor
- 24 sets of turbo generator
- 3 sets of variable speed electromotor
- 42 storage tanks for crude oil with the capacity of 1.07 billion liters
- 198 storage tanks for petroleum products with the capacity of 950 million liters
- 161 substations, 20 and 33 kV with 180 MW power
- 17 substations, 63 kV

Capabilities

- Construction and commissioning of oil transportation centers, pipelines and other facilities
- Utilization of oil transportation centers
- Maintenance and overhaul of gas turbines
- Maintenance and overhaul of centrifugal pumps
- Fuelling the power plants
- Debottlenecking, revamping and renovation of pipelines and coatings
- Installation and commissioning of high voltage electricity posts
- Installation and commissioning of gas turbines

Telecommunications Management

Without an efficient telecommunication network, successful transportation in oil industry is not conceivable. This division of IOPTC is responsible to ensure smooth industrial communication of all the parts and aspects of this industry including long-distance, local, audio, visual, digital, cyber communication of pipeline system with a safety factor of %99.99. It also interconnects the subsidiaries of NIORDC and some of other affiliates of the Ministry of Petroleum, using the following facilities:

- Radio network including 293 radio stations with 2,000,000 km E1 capacity
- Telephone network including 250 telephone centers with 75,000 numbers and various capacities

150,000 km of subterranean and internal cable network in various couples
 Management phone network (K-system) including 300 sets with the capacity of 2,700 ports
 IP network (MPLS/ VPN) for secure connection in WAN network
 VHF mobile phone network along pipelines and in the refineries with 100,000 km² coverage
 Integrated management K-system in WAN network
 industrial and non-industrial vocal systems for fire alarm, fire fighting, and operation
 100 satellite terminals for temporary needs, emergencies and critical situations
 4,000 km of -24& 16line optical fiber for supporting telecommunication and data transferring, increasing needs, and other facilities like distance education, telemedicine, video conferencing (SCADA), internet connections
 WAN and LAN networks in 165 stations
 Data network with Bandwidth of 3000 Gbps within WAN network

Capabilities

Designing, installation and commissioning of microwave radio networks and V.H.F
 Designing, installation and commissioning of IP-Based switch network in the oil industry
 Designing, installation and commissioning of vocal systems, especially for industrial application
 Repairing, maintenance and utilization of optic fiber, radio and telephone networks
 Examining the IP-Based network in 3 network layers

Contact Details

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 New Refinery Implementation Projects

Persian Gulf star Condensate Refinery project

Objectives:

Processing 360,000 bpd south pars gas condensate
 Producing petroleum products according to European quality standards
 Creating more added value for South pars natural gas condensate

Location: 25 km West side of Bandar Abbas refinery
 Capacity: 360,000 bpd
 Contract date: May 2007
 Production Date: 2017 - 2016
 Feedstock: South Pars gas condensate
 Investment: € 8 ,3 Billion
 Shareholders:
 NIORDC (%17.9)
 Tamin oil & Gas investment Co. (%49)
 Oil Industry Retirement Fund Investment Co. (OIRFIC) (%33.01)

Production rate:

product	capacity (m3/d)	Standard
Gasoline	36,800	Euro-IV
Jet Fuel	3,370	International standards
Gas oil	13,350	Euro-IV
LPG	3,800	-

National Iranian Oil Refining & Distribution Company (NIORDC)

Unit	Licence	No. Of units	Capacity (bpd)	Capacity (Million litres/d)
Distillation	-	3	120,000	19.0785
(LPG) Merox	UOP	2	13,000	2.0668
LPG Recovery Unit	-	2	15,000	2.3848
Naphtha Hydro-treater (NHT)	AXENS	3	78,000	12.401
Continuous Catalytic Reformer ((CCR	AXENS	3	45,000	7.154
Isomerization ((ISOM	UOP	3	30,000	4.769
Keresene Hydrotreater ((KHT	TOPSO	1	25,000	3.974
Gas Oil Hydro-treater (GOHT	TOPSO	2	42,000	6.677
Sulphur Recovery Plant ((SRP	KTI	2	85 TPD	85 (t/d)
Sour water (Stripper (SWS	-	2	46.2 M3/h	46.2 M3/h
Amine Treating Unit (ATU	-	2	180 M3/h	180 M3/h

Process units of Persian Gulf Star condensate Refinery Project:

Achievements of the project:

products	Capacity (bpd)	Capacity (million lit/day)	Yield (%) Volume
(Gasoline (RON 90	(bpd) 176,000	27.98	44.90
(Gasoline (RON 95	(bpd) 55,500	8.82	14.60
Light Gas oil	(bpd)84,000	13.35	23.30
Heavy Gas oil	(bpd)8,100	1.288	1.10
Jet Fuel A1	(bpd)21,200	3.37	5.80
LPG	(bpd)24,000	3.81	6.60
Sulphur	(t/day) 130		(weight) 0.3
H2	(t/hour) 19,22		(weight) 1.078