



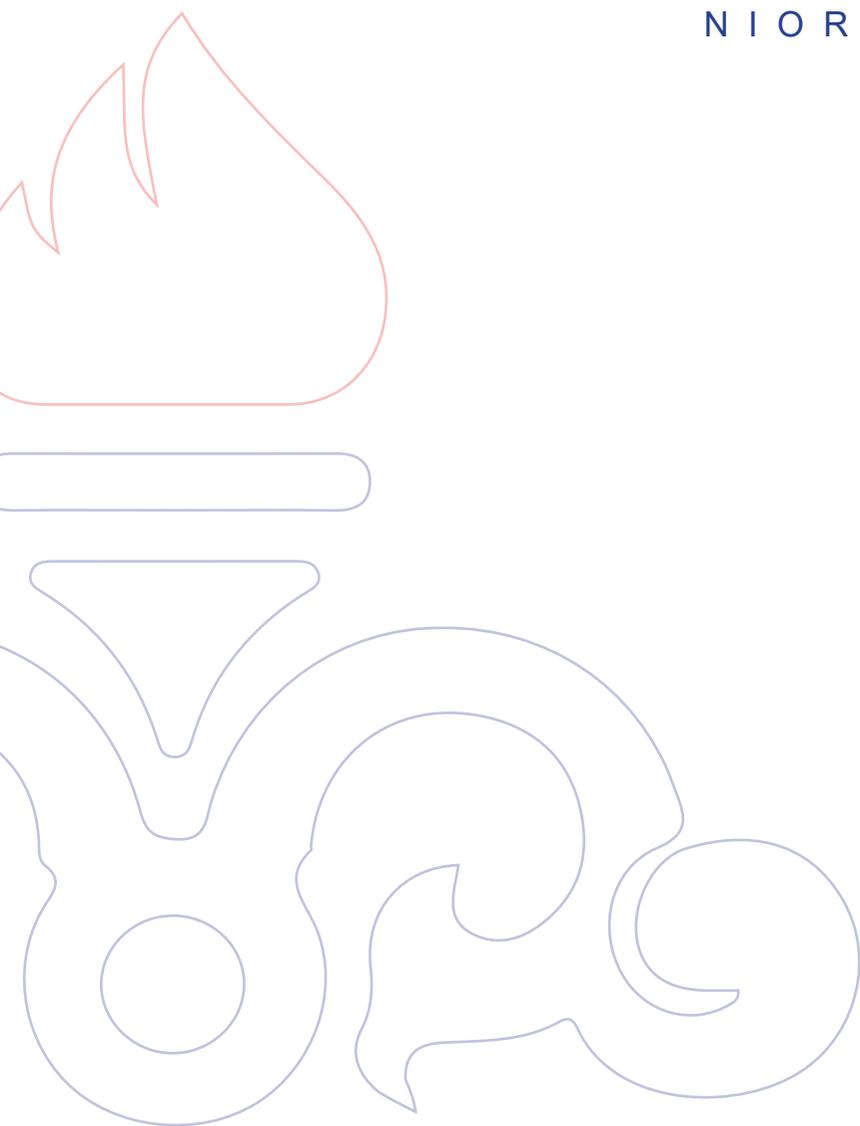
NATIONAL IRANIAN OIL REFINING & DISTRIBUTION COMPANY



NATIONAL IRANIAN OIL REFINING & DISTRIBUTION COMPANY



IN THE NAME OF GOD





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Preface

After Masjed Soleiman No 1 oil reservoir was bubbled in the morning of 26th May 1908, Abadan refinery was constructed as first oil refining complex in Iran. Thereinafter, the first oil pipeline from Masjed soleiman to Abadan port was constructed. Thus refining and distribution industries were established in the Middle East and Iran.

First Integrated complex to sell and supply domestic oil products also was established in 1929, which named as National Iranian Oil Products Distribution Company (NIOPDC)

However, National Iranian Oil Refining and Distribution Company (NIORDC) was established in 26 Feb of 1991 as one of the four main petroleum ministry subsidiary.

The aim of NIORDC establishment was to organize oil transportation operation from crude oil production facilities to oil refineries, exportation jetties, oil refining, transportation, production, storage and distribution of oil products, oil depots and facility, construction responsibility of telecommunication network over all national oil industry area with unique and efficient complex.

Subsidiary companies:

In addition to departments and administrative sections, NIORDC carry out its operational services by 5 specialized subsidiaries:

- 1- National Iranian Oil Product Distribution Company (NIOPDC) with 37 operational area
- 2- Iran Oil Pipeline and Telecommunication Company (IOPTC) with 12 operational area
- 3- National Iranian Oil Engineering Company (NIOEC)
- 4- Abadan Refinery

In addition, NIORDC has governmental supervision on 9 private refineries involved in Isfahan, Tehran, Bandar Abbas, Tabriz, Imam Khomeini Shazand, Shiraz, Lavan, Kermanshah and Persian Gulf Star refinery.

Capabilities:

NIORDC employs 20000 experienced and specialized human resources in the administrative and operational departments in the field of refining, pipeline and telecommunication, distribution products, construction and engineering. It supervise 10 refineries and using more than 14000 km of pipelines in various sizes which makes it as one of the largest oil complexes in the world. This company also have 232 pump stations, 303 telecommunication centres in 12 operational areas of pipelines, 4615 governmental and private gas stations 2359 CNG stations, 57 aviation jet fuel centre and oil depot and storage with capacity of 13.5 billion litres. It has ability to manage and implement large engineering plans, projects, and the construction of building and oil facilities, which made precious experiences.

Tasks and Duties:

- Production and refining of average 2.2 million barrel per day (bbl/d)
- Transportation, storage and distribution more than 280 million liters per day
- Fuel sustainable supply which require for household, commercial and industrial consumption.
- Supply the daily consumption needs of more than 22 million liters of motor vehicles and aviation jet fuel.
- Increasing the share of compressed natural gas (CNG) in the country's fuel basket by supplying, equipping and updating the transmission and distribution (CNG) infrastructure and equipping the country's vehicle fleet to the consumption system of CNG
- Supply feed of petrochemical companies.
- Increasing quality (oil products specifications) and optimization of fuel consumption according to international standard for reducing air pollution and environment effects and obligations.
- Daily, separation of huge sulfur from oil products in order to improve oil products specifications (according to EURO 4, 5).
- Continuous increase of transfer and strategic storage capacity of crude oil and products and sustainable supply of fuel in cold seasons.
- Creating a suitable and secure platform for financing from domestic and international capital resources and increasing the rate of return on capital to facilitating and accelerating the export process.

Existential philosophy ,Vision, Mission, Values, Goals, Codes of ethics in NIORDC

Existential philosophy:

Policymaking and management of supply, production, transmission and distribution of oil products safety, sustainable and efficient by using advanced technologies and ensuring compliance with national and international standards in domestic, regional and global markets with the aim of creating value for the stakeholders.

Vision:

Achieving first and highly position in the region in optimum oil refining capacity, transmission and sustainable supply and efficient complete chain of petroleum products according to global standards.

Mission:

Safe and sustainable supply of high quality oil products, increase efficiency, energy consumption optimization and moving towards digital transformation.

Values:

- Growth and excellence
- Sustainable development
- Transparency
- Safety
- Productivity
- Innovation

Goals:

- Increasing the refining capacity of crude oil and condensate
- Increasing refinery production capacity of oil products
- Increasing storage capacity
- Increasing the length of pipelines
- Increasing the quantity of high quality oil products
- Reducing the quantity of heavy products

Codes of ethics in NIORDC:

- God-centered
- Following the leadership
- Saving
- Help to people and responsibility
- Dedication
- Team working for public welfare
- Bailment
- Innovation and knowledge orientation
- Respect and humility
- Respect to rule
- Efficiency and continual improvement



The development of the National Iranian Oil Refining and Distribution Company

According to the approval letter no. 79786/T 59762 dated 08/02/2023 board of ministers, National Iranian Oil Refining and Distribution Company has been added to the list of development organizations, so it's expected by improving the value chain and the business and sustainable development of refining industry, The following achievements will be gained:

- Good governance of the refining industry
- Execution of strategic and national planning or doing as Joint Venture.
- Optimizing consumption by using new technologies
- Upgrading technologies and improving crude oil/condensate refining value chain
- Strengthening of business in the field of the company's activities
- Encouraging investors to invest in less developed areas
- Encouraging non-governmental sector to investigate in refining/Petrorefining industries
- Providing business licences and increasing added value by completing the value chain of downstream industries
- Development of infrastructure facilities in field of pipeline, port, jetty, tank, utility and new licence in current governmental conditions.



Abadan

Oil Refining Company



www.ABADAN-REF.ir

Contact Details:

Address: Abadan, P.O. Box: 555

Postal Code: 6316915651

Tel: +98 (0)61 53228080

Fax: +98 (0)21 53228050



Average Production of Main Products (March 2024 January 2025)

Product	Production Rate (MML/d)
LPG	1.71
Gasoline	10.74
Kerosene	0.51
Gas Oil	21.98
Fuel Oil	27.42
Heavy Jet Fuel (ATK)	0.02

Date of Establishment: 1909

Production Date: 1912

Capacity: 390,000 bpd

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

Imam Khomeini Shazand Oil Refining Company



www.IKORC.ir

Contact Details

Address: 20th km of Arak- Borujerd Road

P.O. Box: 1448

Postal Code: 38671-41111

Tel: +98 (0)86 33674541-4

Fax: +98 (0)86 33688244, +98 (0)21 66153035



Average Production of Main Products (March 2024 January 2025)

Product	Production Rate (MML/d)
LPG	3.17
Gasoline	13.95
Kerosene	1.49
Gas Oil	11.74
Fuel Oil	5.14
Heavy Jet Fuel (ATK)	0.73

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

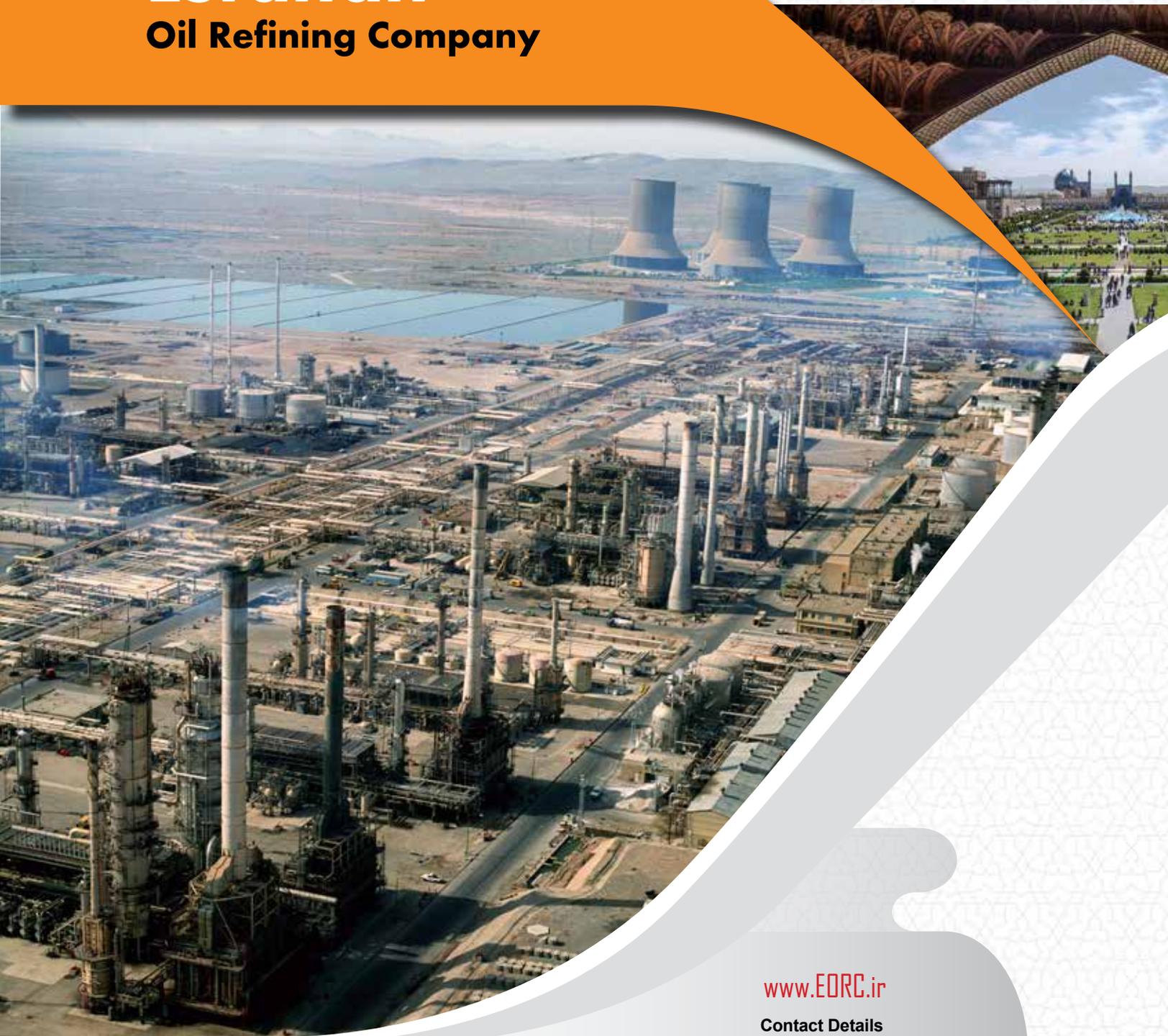
Certificates:

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

Ownership: NIORDC

Esfahan

Oil Refining Company



www.EORC.ir

Contact Details

Address: 5th km of Esfahan-Tehran Road

P.O. Box: 81465-415

Postal Code: 833511315

Tel: +98 (0)31 33802727

Fax: +98 (0)31 36686962



Average Production of Main Products (March 2024 January 2025)

Product	Production Rate (MML/d)
LPG	1.95
Gasoline	12.27
Kerosene	0.97
Gas Oil	24.06
Fuel Oil	9.37
Heavy Jet Fuel (ATK)	0.57

Date of Establishment: 1976

Production Date: 1979

Capacity: 360,000 bpd

Feedstock: Iranian light crude oil from Maroon-Shadegan

Production Units

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

Certificates:

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

Ownership: Private sector (under the supervision of NIORDC)

Bandar Abbas

Oil Refining Company



www.BAORCO.ir

Contact Details

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

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

Fax: +98 (0)76 33564157



Average Production of Main Products (March 2024 January 2025)

Product	Production Rate (MML/d)
LPG	0.96
Gasoline	10.79
Kerosene	0.51
Gas Oil	17.60
Fuel Oil	10.95
Heavy Jet Fuel (ATK)	0.71

Date of Establishment: 1992

Production Date: 1997

Capacity: 350,000 bpd

Feedstock: Heavy crude oil, Condensates

Production Units

Atmospheric Distillation, Vacuum Distillation, Visbreaker, LPG Recovery, Kerosene & Gas oil Hydrotreater, Naptha Hydrotreater, Isomerisation, H₂ Production, Continuous Catalytic Reformer (CCR), Isomax, Sulfur Recovery and related utilities

Certificates:

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

Ownership: Private sector (under the supervision of NIORDC)

Tabriz

Oil Refining Company



www.TBZREFINERY.co.ir

Contact Details

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AzarShahr road, Tabriz

P.O. Box: 4156

Postal Code: 5197131111

Tel: +98 (0)41 34205570-85

Fax: +98 (0)41 35248791



Average Production of Main Products (March 2024 January 2025)

Product	Production Rate (MML/d)
LPG	0.38
Gasoline	3.59
Kerosene	0
Gas Oil	6.80
Fuel Oil	4.26
Heavy Jet Fuel (ATK)	0.14

Date of Establishment: 1974

Production Date: 1978

Capacity: 110,000 bpd

Feedstock: Crude oil from Ahwaz-Asmari- Maroon and North Dezful

Production Units

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

Certificates:

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

Ownership: Private sector (under the supervision of NIORDC)

Tehran

Oil Refining Company



www.TEHRANREFINERY.ir

Contact Details

Address: Refinery Blvd., Baghershahr,
Old Tehran-Qom Road
P.O. Box: 18735-4173
Postal Code: 1879913111
Tel: +98 (0)21 55901021-51
Fax: +98 (0)21 61622551



Average Production of Main Products (March 2024 January 2025)

Product	Production Rate (MML/d)
LPG	1.32
Gasoline	6.62
Kerosene	0
Gas Oil	15.05
Fuel Oil	7.05
Heavy Jet Fuel (ATK)	2.15

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-North Dezful

Production Units

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

Certificates:

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

Ownership: Private sector (under the supervision of NIORDC)

Shiraz

Oil Refining Company



www.SORC.ir

Contact Details

Address: 22th km of Shiraz-Esfahan Road

P.O. Box: 71365-1445

Postal Code: 7349163115

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

Fax: +98 (0)71 3 8218282



Average Production of Main Products (March 2024 January 2025)

Product	Production Rate (MML/d)
LPG	0.25
Gasoline	1.57
Kerosene	0.07
Gas Oil	3.82
Fuel Oil	1.30
Heavy Jet Fuel (ATK)	0.11

Date of Establishment: 1971

Production Date: 1973

Capacity: 56,000 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 9001 (2008), ISO 14001 (2004), OHSAS18001 (2007), (IMS)

Ownership: Private sector (under the supervision of NIORDC)

Kermanshah

Oil Refining Company



www.KORC.ir

Contact Details

Address: Shahid Beheshti Blvd, Kermanshah

P.O. Box: 67147-99794

Tel: +98 (0)83 3 1497100

Fax: +98 (0)83 3 8363022



Average Production of Main Products (March 2024 January 2025)

Product	Production Rate (MML/d)
LPG	0.04
Gasoline	0.46
Kerosene	0.28
Gas Oil	0.68
Fuel Oil	1.26
Heavy Jet Fuel (ATK)	0

Date of Establishment: 1919

Production Date: 1922

Capacity: 22,000 bpd

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

Production Units

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

Certificates:

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

Ownership: Private sector (under the supervision of NIORDC)

Lavan

Oil Refining Company



www.LORC.ir

Contact Details

Address: Shiraz

P.O. Box: 71365-568

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

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



Average Production of Main Products (March 2024 January 2025)

Product	Production Rate (MML/d)
LPG	0.09
Gasoline	2.74
Kerosene	0
Gas Oil	2.38
Fuel Oil	1.76
Heavy Jet Fuel (ATK)	0

Date of Establishment: 1975

Production Date: 1976

Capacity: 50,000 bpd

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

Production Units

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

Certificates:

ISO9001 (2008), BS EN ISO9002 (1994), ISO14001 (2006), ISO/TS29001 (2010), ISO50001 (2011), OHSAS18001 (1999)

Ownership: Private sector (under the supervision of NIORDC)

Persian Gulf Star

Oil Refining Company



www.PGSOC.ir

Contact Details

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

Tel: +98 (0)76 31310000,

Fax: +98 (0)76 31313131



Average Production of Main Products (March 2024 January 2025)

Product	Production Rate (MML/d)
LPG	2.17
Gasoline	38.87
Kerosene	3.00
Gas Oil	10.57
Fuel Oil	0
Heavy Jet Fuel (ATK)	0

Date of Establishment: 2007

Production Date: 2017

Capacity: 360000 bpd

Feedstock: Condensates of south pars

Production Units

Atmospheric Distillation, LPG Recovery, Kerosene & Gas oil Hydrotreater, Naphtha Hydrotreater, Isomerisation, Continuous Catalytic Reformer (CCR), Sulfur Recovery and related utilities

Certificates:

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

Ownership: Private sector (under the supervision of NIORDC)

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 96 years. NIOPDC, with more than 5,664 employees and about 9,339 contractors, utilizes the following facilities to perform its duties:

- 37 regions
- 235 districts
- 4615 vehicle fuel stations
- 2359 CNG fuel stations
- 57 aviation fuel stations
- 18,000 oil tankers, trucks and LPG carriers
- 7 marine tankers and floating vessels
- 13.55 billion liters of storage facilities for the main refined products

www.NIOPDC.ir

Contact Details

Address: Corner of Shahid Baradaran Shadab St.,
North Iranshahr Ave., Tehran
Postal Code: 1583746911
Tel: +98 (0)21 84129
Fax: +98 (0)21 88325254

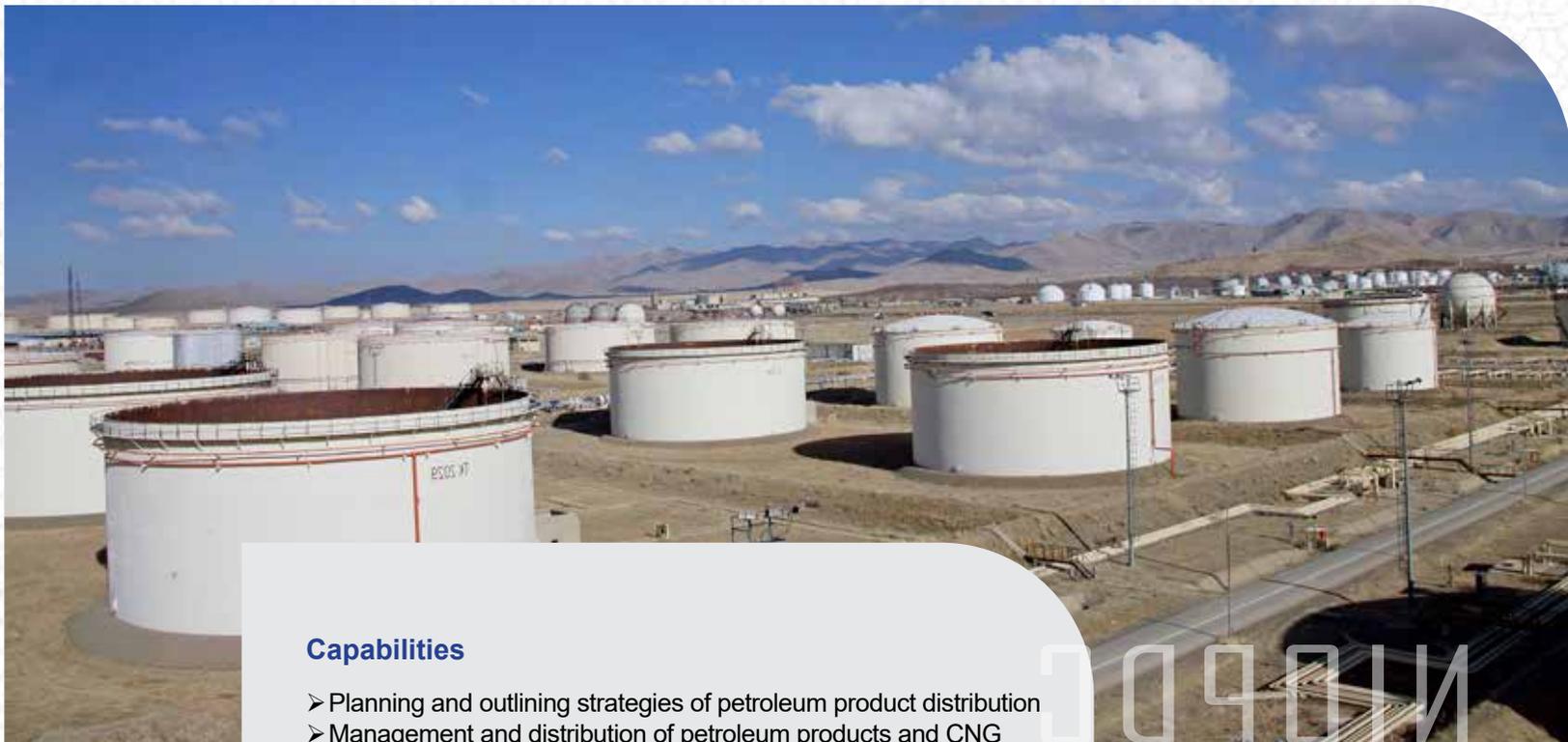


NIOPDC

NIOPDC (National Iranian Oil Products Distribution Company) is responsible for managing the supply and supervising over the daily distribution of more than 280 million liters of different petroleum products throughout the country. The Company's organizational structure has 10 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, Security, Internal Audit, Public Relations and Auction Commission.

NIOPDC 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 and oil depots for petroleum products
- Implementation and supervision of Smart Card Center for Gasoline and Gas oil distribution

**Average Distribution of Main Refined products (MML/d)
From 2019-2025**

Product	2019	2020	2021	2022	2023	Jan 2025
LPG	9.65	9.90	9.21	8.82	5.95	5.4
Gasoline	89.67	75,53	87.26	104.78	115.63	124.3
Kerosene	6.17	5,030	4.58	4.57	4.64	4.3
Gas Oil	102.15	101,150	106.66	112.51	114.26	124
Fuel Oil	15.38	19,360	22.94	25.99	22.59	33
Total	223.02	210,97	230.64	256.67	263.07	291.00



www.NIOPDC.ir

Iranian Oil Pipelines and Telecommunications Company (IOPTC)



IOPTC is another major subsidiary company of NIORDC, whose mission is to transfer crude oil to refineries and oil products to domestic and export area. IOPTC perform an efficient role in blossoming and optimizing the national economy.

IOPTC utilize 232 oil transport installations, pressure reduction and securely to daily transfer crude oil from production fields to the 7 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 221 billion liters of oil and petroleum products per year using 14,000 km of pipelines and 303 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, north and Persian Gulf. Pipeline management is responsible for controlling a network with annual operational capacity of more than 65 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 succeed in fulfilling these tasks, and in addition to accessibility roads to the pipelines and benefitting from the most experienced operational staff, this division of IOPTC uses the following facilities:

IOPTC

www.IOPTC.ir

Contact Details

Address: No.188, Sepahbod Gharani Ave., Karim Khan Blvd., Tehran
Postal Code: 1598995913
Tel: +98 (0)21 6163000
Fax: +98 (0)21 616300064



- 24 Turbogenerator devices
- 428 Cathodic protection station
- 17 substations, 63 kw
- 364 sets of main pressure enhancement pumps
- 165 sets of turbine
- 263 sets of electromotor
- 14,000 km of pipelines, with a range of 6" to 36"
- 232 oil transport and pressure reduction centers & facilities
- 1,350,000 HP Power Installed in pump stations and major facilities
- 42 storage tanks for crude oil with the capacity of 10 million barrels
- 60 storage tanks for petroleum products with the capacity of 1.5 billion liters
- 161 substations, 20 and 33 kV with 180 MW power

Capabilities

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

Measure for Localization and Support of Domestic Production

- Major repairs of rotating machinery and manufacturing of spare parts (repair of more than 150 turbine units) since the year 2006.
- Strengthening capabilities in designing and manufacturing gas turbines up to 4500 horsepower, medium-pressure electro motors up to 1300 kw, various power equipment, variable-speed devices, hydroelectric actuators, control valves, and PLC panels,
- Enhancing technology capabilities and domestic production of various mechanical items, precision instruments, electrical control tools, and different types of chemical materials (with 2500 categorized items).

Telecommunications Management

The telecommunications management of the Iran oil pipeline and telecommunications company, along with the oil industry and as the fourth industrial producer in the world, provides the most efficient advanced industrial telecommunications services, equipped with the latest telecommunications equipment, ensuring the highest level of reliability and minimal communication delays.

In addition to managing and operating telecommunications, this management is also responsible for providing internal, audio, video and computer network communications. It extends its services to the headquarters of the Iran Oil Pipeline and Telecommunications Company, affiliated national upstream and downstream companies, the Ministry of Oil headquarters in Tehran, subsidiary oil ministry buildings, clubs, sectoral centers, training centers and some affiliated companies such as: hospitals, universities and Oil Industry Health Organization.



**Facilities:**

- Radio network including 304 radio stations with different capacities in different routes with an air length of about 8000 km in the form of supported systems(main & standby)
- Telephone network including 260 telephone centres with 84500 numbers and various capacities
- 150,000 km of subterranean and internal cable network in various couples
- Management phone network (K-system) including 301 sets with the capacity of 27600 ports
- IP network (MPLS/ VPN) for secure connection in WAN network
- VHF mobile phone network along pipelines and in the refineries with 375,000 km² coverage
- industrial and non-industrial vocal systems for fire alarm, firefighting, and operation
- 24 satellite terminals for temporary needs, emergencies and critical situations
- 5,000 km of 16 & 24-line optical fiber for supporting telecommunication and data transferring, increasing needs, and other facilities like distance education, telemedicine, video conferencing, SCADA, CCTV, internet connections,...
- WAN and LAN networks in 269 stations

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



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 construction, Upgrading & Capacity Expansion Projects:

Major Experiences of NIOEC

- Construction of Imam Khomeini Shazand Refinery
- Construction of Bandar Abbas Refinery and Increasing Gasoline Production
- 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 increase and product quality improvement of Imam Khomeini Shazand Refinery

B. Pipeline construction and Utility Projects:

Major Experiences

- 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 100 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 Back Area to Mahshahr exporting port
- Construction of Rey-kan and Rey-ghochak pipeline
- Construction of 11 storage tank in Abadan Refinery project
- Construction of stabilizer Tanks of Sari/ Maghanak Project
- Construction of condensate pipeline from Farashband to Shiraz
- Construction of Rafsanjan- Yazd pipeline(16 inch)and development of pump station centre.
- Construction of Bandar Abbas-Sirjan-Rafsanjan Pipeline (26 inch).
- Construction of Goureh-Jask Crude Oil Pipeline Project and Jask Installation.



www.NIOEC.org



Under construction pipeline projects:

- Construction of pump stations and terminals for Abadan-Mahshahr pipeline
- Construction of Tabriz-Orumiyeh pipeline(supplementary)
- Construction of Rafsanjan- Yazd pipeline(16 inch)and development of pump station centre
- Construction of Sabz Ab-Rey Sour crude pipeline
- Construction of new Bandar Abbas-Sirjan-Rafsanjan Pipeline
- Construction of Tehran side-way pipeline
- Construction of Goureh-Jask Crude Oil Pipeline Project and Jask Installation
- Construction of Mehraran- Fasa- Shiraz(PARS) pipeline(73 thousand barrel per day)
- Process development and optimization of Esfahan Refinery(fueloil plant)
- Development and capacity stabilization of Abadan Refinery (second phase hydrocracker)
- Construction of Rafsanjan - yazd pipeline

Overseas Projects

- Construction of a Gasoline Production Unit in Turkmenbashi Refinery, Turkmenistan implemented in 2001.
- Overhaul of El Palito refinery in Venezuela

Oil Jetty and Port Projects:

- Rehabilitation of Mahshahr exporting port
- Construction of a new 5 thousand ton pier on Qeshm Island



www.NIOEC.org

■ **Contact Details**

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Future Projects

Refining/Petro-refining Projects

The projects which have been defined and confirmed according to law of the parliament as named "supporting rule of downstream industry development with crude oil & by condensate feed stock by using people investment":

Crude oil Feedstock

- Entekhab Jask Petro-refinery (Entekhab investment Company)
- Morvarid Mokran Petro-refinery (Energy Mofid Mokran development Company)
- Jask Ghadir Oil Refinery (Ghadir Investment Company)
- Negin Mokran Petro-refinery (Shastan Investment Company)
- Negin Lavan oil Refinery (Social Secure Investment Organization)

Condensate Feedstock

- Setareh Sabz Siraf Refinery (Oil and Gas Parsian development Group Company)
- Pishgaman Siraf Refinery (Pishgaman Siraf development refining Company)
- Javid Energy Parto Refinery (Javid Energy Parto Company)

- **Projects which have crude oil/ condensate feedstock agreement by planning deputy of ministry of petroleum**
- Anahita Petro-refinery
- Khuzestan Refinery
- Mehr Persian Gulf Refinery
- South Adish Refinery
- Shahid Soleimani Petro-refinery





Fuel Oil Upgrading National Projects

Upgrading projects:

- Reducing Fuel Oil in Shiraz Refinery
- Reducing Fuel Oil Production in Abadan Refinery
- Reducing Fuel Oil Production in Tehran Refinery
- Construction of vacuum distillation unit in Lavan Refinery
- Construction needle coke unit in Imam Khomeini Refinery (Shazand)
- Reducing Fuel Oil Production in Bandar Abbas Refinery
- Reducing Fuel Oil Production in Tabriz Refinery
- Construction of fuel oil desulfurization unit in Tehran Refinery.
- Construction of Residue Hydro treating unit (RHLI) and RFCC unit in Esfahan Refinery.
- Reducing Fuel Oil in Kermanshah Refinery.
- Reducing Fuel Oil in Lavan Refinery.

Substructure upgrading & development of pipeline and Storage projects:

- Bandar abbas - Rafsanjan Pipeline, (450 kilometer, 300 thousand barrels per day)
- Sabzab - Rey Pipeline, (340 kilometer)
- Tabriz – Khoi - Oromiyeh Pipeline, (250 kilometer)
- Jamal Ahmad Storage (Shahid Mahdavi), (600 Million liter)
- Increase capacity of Shahid Rajaie Storage (160 Million liter)
- Tehran bypass Pipeline, 165 thousand barrels per day for crude oil and 300 thousand barrels per day for products
- Mehraran – Fasa – Shiraz Pipeline (PARS), 73 thousand barrels per day
- Integrated monitoring system for production, distribution, sale of oil products (Equipping oil warehouses with a metering system)
- Construction of oil products transmission pipeline to the northeastern and eastern provinces of the country
- Construction of a new 5 thousand ton pier on Qeshm Island



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