



توجه

برای فعال شدن امکانات کامل کاتالوگ در سیستم عامل اندروید و IOS از نرم افزار One Drive یا Adobe Acrobat استفاده نمایید.

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Polypropylene Sepehr Mokran Co.

زبان مورد نظر را انتخاب کنید

Select Language

فارسی

English

شروع



Polypropylene Sepehr Mokran Co.



شروع

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CATALOG
2024 v 1.0

برای شروع یک گزینه را انتخاب کنید



صفحه نخست



درباره ما



واحد های تولیدی



تامین تجهیزات



گواهینامه ها و افتخارات



مشتریان



سوابق همکاری با سازندگان معتبر



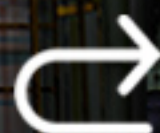
فرصت های همکاری



تماس با ما



تنظیمات زبان



درباره ما

شرکت پلی پروپیلن سپهر مکران در سال 1392 در منطقه آزاد چابهار ثبت گردید و از سال 1395 فعالیت های خود را با تمرکز بر سرمایه گذاری ، احداث و بهره برداری از واحد های یوتیلیتی در صنایع نفت ، گاز و پتروشیمی آغاز نمود .

توانمندی و ظرفیت های شرکت :

- تولید یوتیلیتی مورد نیاز واحد های صنعتی بویژه در منطقه عسلویه
- سرمایه گذاری جهت احداث ، بهره برداری و راهبری واحد های یوتیلیتی بویژه واحد های تامین آب و اکسیژن
- دسترسی به تامین کنندگان معتبر خارجی در زمینه تامین تجهیزات فرایندی صنایع نفت ، گاز و پتروشیمی



واحد تولیدی مورد نظر را انتخاب کنید



واحد جدا سازی هوا



واحد آب شیرین کن



نیتروژن هایع





واحد جدا سازی هوا

در سال 1397 واحد جداسازی هوا جهت تولید اکسیژن و نیتروژن هوای سرویس و ابزار دقیق مورد بهره برداری قرار گرفت.

در واحد جداسازی هوای شرکت پلی پروپیلن سپهر مکران، فرآیند جداسازی نیتروژن و اکسیژن هوا به روش Cryogenic (سرد سازی) انجام می گردد. فرایند جداسازی هوا به شیوه Cryogenic شامل چهار مرحله اصلی به شرح ذیل می باشد:

1- فشرده سازی هوا (Main Air Compressore)

2- خنک سازی هوا یا پیش سرمایش (Air Precooling unit)

3- خالص سازی و تصفیه هوا (Prepurifier)

4- سرد سازی و جداسازی هوا (Cold box)

این واحد تولیدی با ظرفیت تولیدی ذیل در حال فعالیت می باشد:

- اکسیژن گازی 71500 نرمال متر مکعب بر ساعت
- نیتروژن گازی 9000 نرمال متر مکعب بر ساعت
- نیتروژن مایع 1700 نرمال متر مکعب بر ساعت
- هوای ابزار دقیق 1000 نرمال متر مکعب بر ساعت
- هوای فرایند 8000 نرمال متر مکعب بر ساعت





آب شیرین کن (WTP)

مشخصات واحد

- 7 ترین پورتابل با ظرفیت اسمی 8400 متر مکعب در روز
- دارای سیستم پیش تصفیه UF
- سیستم تصفیه اسمز معکوس (RO)

کیفیت آب (Water Quality)

آب ورودی این سیستم (feed water) ، آب دریا با TDS حدود 40000 تا 45000 میلی گرم بر لیتر می باشد و آب تولیدی (Water Permeate) پس از تصفیه TDS کمتر از 20 میلی گرم بر لیتر می باشد.



نیتروژن مایع

مشخصات محصول تولیدی

نیتروژن مایع با خلوص 99/999 درصد (گرید 5)

ظرفیت تولیدی

در واحد جدا سازی هوا با ظرفیت تولیدی 1700 نرمال

مترمکعب بر ساعت (2125 کیلوگرم بر ساعت) ، نیتروژن مایع در

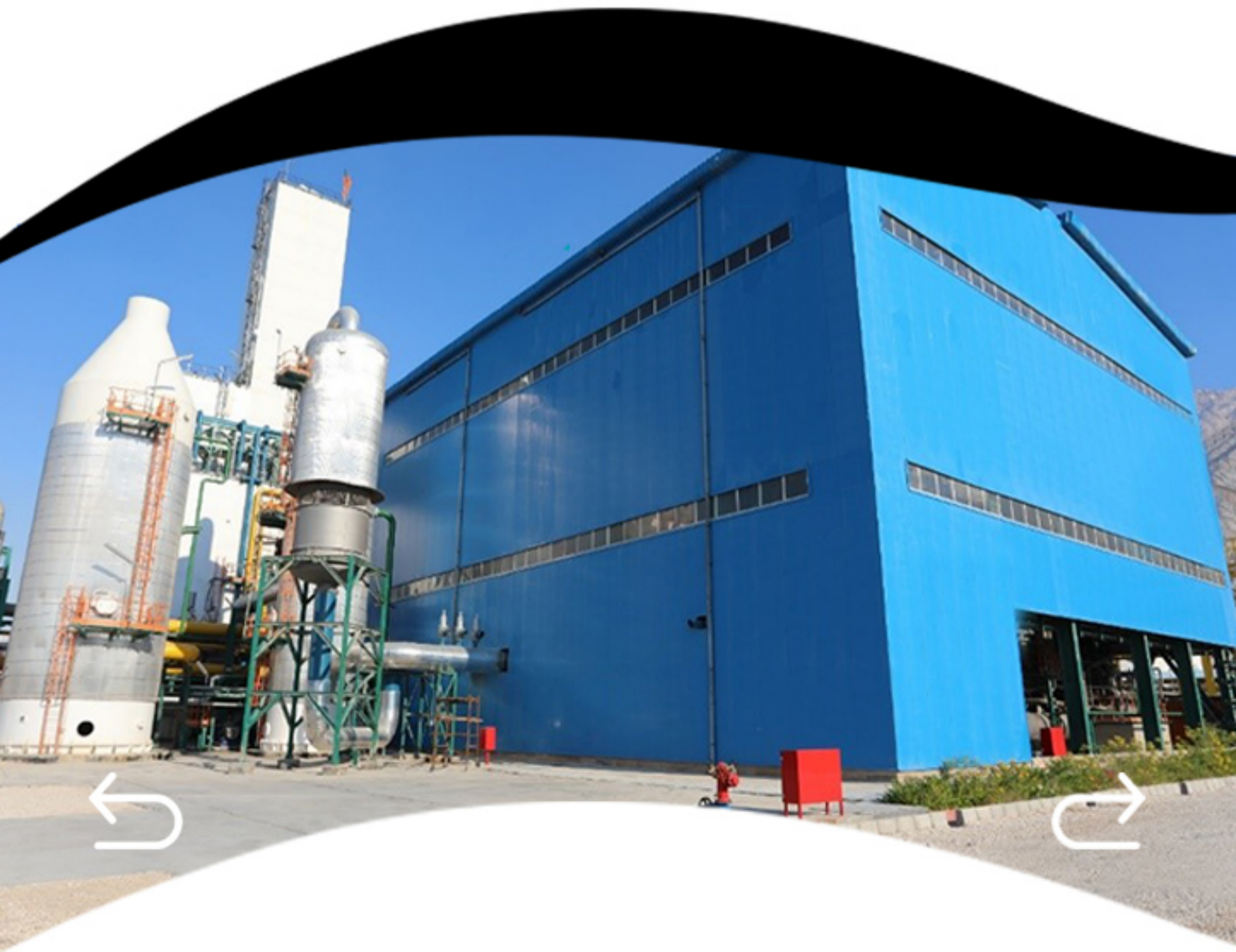
حالت تولیدی MAX LIN را دارد.

ظرفیت بارگیری

ظرفیت بارگیری به میزان 60 تن در روز می باشد. که در این

راستای 2 مخزن با ظرفیت ذخیره سازی هر کدام 80 تن در

نظر گرفته شده است.



تامین تجهیزات



همکاری در تامین تجهیزات فاز اولیه
مخازن سبز عسلویه
ارزش حدودی 20 میلیون یورو



همکاری در تامین تجهیزات خارجی واحد
متانول مرجان
ارزش حدودی 250 میلیون یورو



همکاری در تامین تجهیزات خارجی
پتروشیمی بدر شرق
ارزش حدودی 50 میلیون یورو



تامین تجهیزات ASU و آب شیرین کن و
تامین تجهیزات و قطعات یدکی سایت های
در حال بهره برداری



تامین تجهیزات مربوط به مشترکات با
شرکت پتروشیمی دماوند انرژی عسلویه



گواهینامه ها

ALLIANCE
Registrar & Inspection Services - Parsian

Integrated Management System

Certificate of Registration

This is to certify that the

Polypropylene Sepehr Mokran Co.

Located at:

Central Office: 5th Floor, No. 7, Motevallian Blvd., Habibollah St., Sattarkhan St.,
Tehran, Iran.

Factory: Polypropylene Sepehr Mokran ASU Site, Petrochemical Zone (Phase2),
Special Economic and Energy Zone, Asaluyeh, Iran.

for

Producing of Utilities Including Oxygen, Nitrogen, Instrument Air, Plant Air,
Permeate Water & Procurement Services.

Has been assessed and registered against the provisions of

IMS

International Standards

With

Certificate Number ISO9001:2015: 270812
Certificate Number ISO14001:2015: 270913
Certificate Number ISO45001:2018: 271014
Current Date: March 11, 2024
Expiration Date: March 10, 2027



Hojjat Moeni
Hojjat Moeni
Certification Director
Tehran, Iran
www.ariscert.ir

Registration is subjected to the management system being continuously maintained to the above standard under regular surveillance.
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International Standard

With

IAF Code: 12

Certification Number: 270913

Current Date: March 11, 2024

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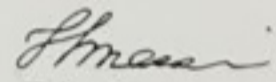
NACE Code: DG 24.1

Original Date: March 11, 2024

Expiration Date: March 10, 2027



Accredited Certification Body
ایستاد گواهی کننده تایید صلاحیت شده
GMS مدیریت سیستم گواهی شده
Reg. No. NACI/133 شماره
گواهی شده



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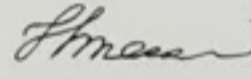
ISO45001:2018

International Standard

With

IAF Code: 12
Certification Number: 271014
Current Date: March 11, 2024
Modification Date: N/A

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Original Date: March 11, 2024
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مشتریان ما



شرکت پتروشیمی
کیمیای پارس خاورمیانه



شرکت پتروشیمی مرجان

شرکت دماوند انرژی عسلویه

DAMAVAND ENERGY Co



Iranian Methanol

پتروشیمی آرین متانول



مجمع پتروشیمی پارس گلایکول



شرکت صنایع پتروشیمی سبلان



سوابق همکاری با سازندگان معتبر

FLOWSERVE

 **PENTAIR**

 **SIAD** *MACCHINE
IMPIANTI*

SIEMENS

 **General
Electric**

**CRYO
STAR**




فرصت های همکاری

- سرمایه گذاری ، احداث ، بهره برداری واحد های یوتیلیتی
- مهندسی خرید تجهیزات با اتکا به کادر عملیاتی مجرب
- تامین تجهیزات اصلی و فرایندی





Polypropylene Sepehr Mokran Co.



نشانی دفتر مرکزی :

ملاصدرا - شیراز جنوبی - گرمسار غربی - کوچه مفتاح
پلاک 4

کدپستی: 1435853771

نشانی کارخانه :

عسلویه - فاز 2 پتروشیمی ها - نرسیده به پتروشیمی مهر
واحد تفکیک هوا



تلفن :

۰۲۱-۸۸۶۰۷۶۳۴-۶

۰۲۱-۸۸۶۰۷۰۵۴

مشاهده وب سایت

RTR
CATALOG
2024 v1.0





زبان مورد نظر را انتخاب کنید

Select Language

فارسی

English

START



Polypropylene Sepehr Mokran Co.



START

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CATALOG
2024 v1.0

Select an Option to Start

First page



About Us



Production units



Equipment supply



Certifications and awards



Our Customers



Suppliers



Cooperation Opportunities



Contact Us



Language settings



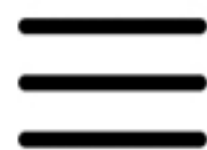
About us

Sepehr Makran Polypropylene Company was registered in Chabahar Free Zone in 1392 and started its activities in 1395 in accordance with the company's articles of association, focusing on investment, construction and operation of utility units in the oil, gas and petrochemical industries.

Capabilities and capacities of the company:

- Utility production required by industrial units, especially in Asalouye region
- Investment for the construction, operation and management of utility units, especially water and oxygen supply units
- Access to reliable foreign suppliers in the field of supplying process equipment for the oil, gas and petroleum industries





Select the desired service

Air separation unit



Desalinated water (WTP)



Liquid nitrogen





Air separation unit

In 1397, the air separation unit project (production of oxygen and nitrogen) as well as the production of service air and precision instruments was put into operation.

In the air separation unit of Sepehr Makran Polypropylene Company, the nitrogen and oxygen separation process is carried out by cryogenic method. Cryogenic air separation process includes four main steps as follows:

- 1- Air compression (Main Air Compressor)
- 2- Air cooling or pre-cooling (Air Precooling unit)
- 3- Air purification and purification (Pre-purifier)
- 4- Cooling and air separation (Cold box)

This production unit is operating with the following production capacity.

- Oxygen gas 71500 normal cubic meters per hour
- Nitrogen gas 9000 normal cubic meters per hour
- Liquid nitrogen 1700 normal cubic meters per hour
- Instrument air 1000 normal cubic meters per hour
- Process air 8000 normal cubic meters per hour





Desalinated water (WTP)

Unit specifications

- 7 portable Trin with a nominal capacity of 8400 cubic meters per day
- It has a UF pre-treatment system
- Reverse osmosis (RO) purification system

Water Quality

The input water of this system (feed water, sea water) with TDS is about 40,000 to 45,000 mg/liter, and the produced water (permeate water) after treatment with TDS is less than 20 mg/liter.



Liquid nitrogen

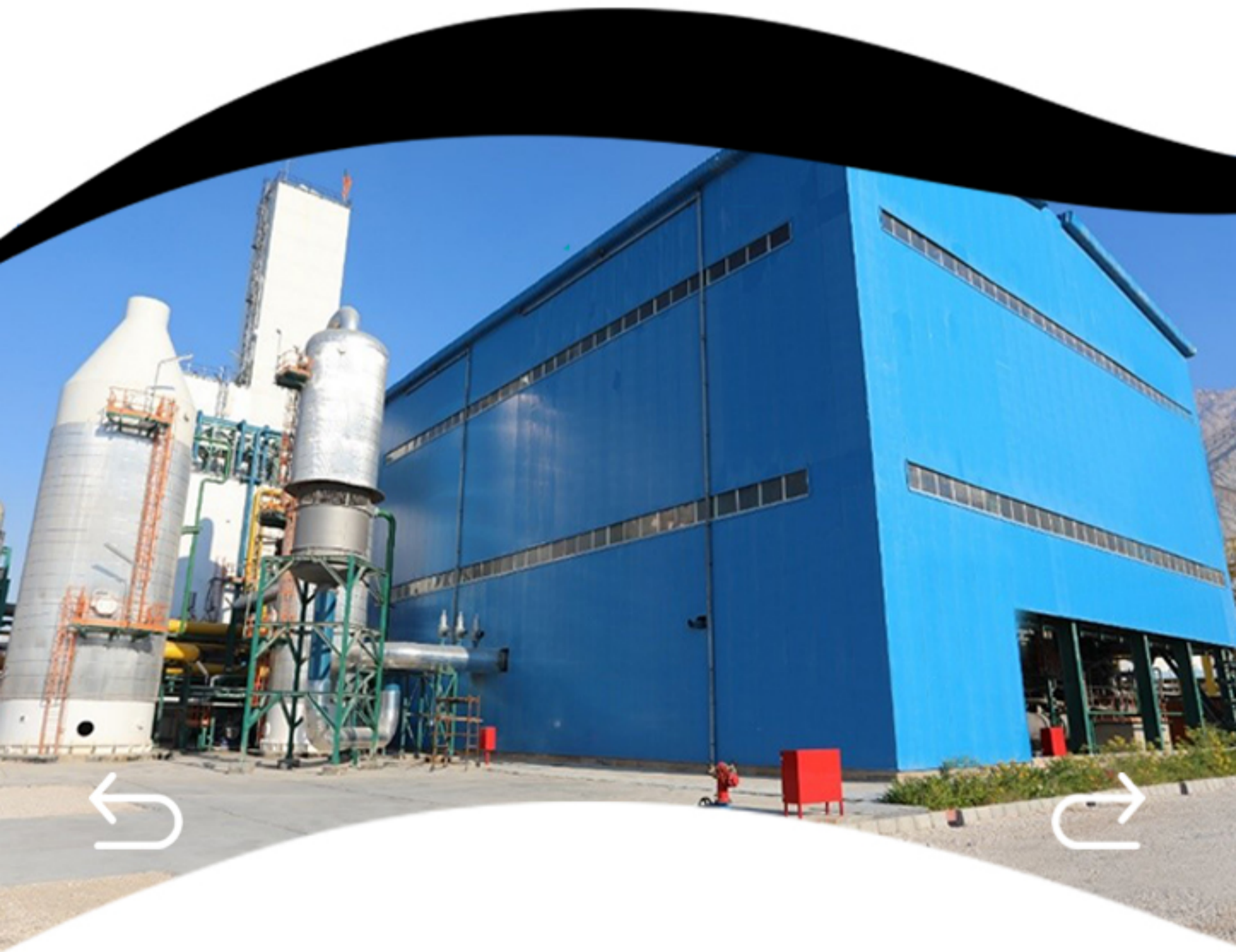
Specifications of the manufactured product
Liquid nitrogen with 99.999% purity (grade 5)

Method of obtaining product technology

Air separation unit has a production capacity of 1700 normal cubic meters per hour (2125 kilograms per hour) in MAX LIN production mode.

The loading capacity

The loading capacity is 60 tons per day, and in this regard, 2 tanks with a storage capacity of 80 tons each have been considered.



Equipment supply

- Supplying equipment for the initial phase of Asalouye green reservoirs worth about 20 million euros



- Supplying external equipment for Marjan Methanol Unit An estimated value of 250 million euros



- In the supply of foreign petrochemical equipment of Badr Sharq worth approximately 50 million euros



- Supply of ASU and desalination equipment, supply of equipment and spare parts for sites in operation



- Supplying equipment related to joint ventures with Damavand Energy Asalouye Petrochemical Company



Certificates

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Registrar & Inspection Services - Parsian

Integrated Management System

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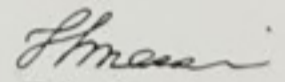
With

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GMS سازمان مدیریت کیفیت
Reg. No. NACI/133 شماره
گواهی کننده



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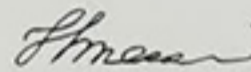
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Our Customers



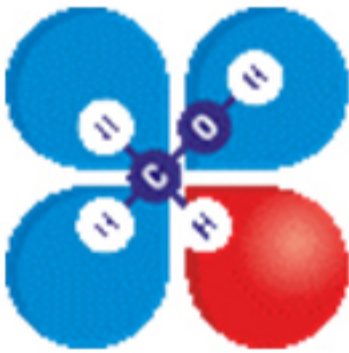
شرکت پتروشیمی
کیمیای پارس خاورمیانه



شرکت پتروشیمی مرجان

شرکت دماوند انرژی عسلویه

DAMAVAND ENERGY Co



Iranian Methanol

پتروشیمی آرین متانول



مجمع پتروشیمی پارس گلایکول



شرکت صنایع پتروشیمی سبلان





Suppliers





Cooperation Opportunities

- Investing, building and operating utility units
- Equipment purchase engineering relying on experienced operational staff
- Supplying main and process equipment





Polypropylene Sepehr Mokran Co.



Central Office Address :

No.4, Meftah Aly., west Garmsar St., South shiraz
Ave., Mollasadra Ave., Tehran
Postal code : 1435853771

Factory Address :

Air Sepration unite, Befor Mehr Petrochimical, 2th
Petrochemical phase. , Asalluyeh , Bushehr, Iran



+982188607634

+982188607054

Website View

