



Arak Oil Refinery

Main Projects

■ TORC Heavy Naphtha Refining, CCR and Liquid Gas Benzene Reduction Units MC Project

Objective:

- Production of 2 million liters Gasoline per day according to Euro V
- To increase gasoline production Tehran Refinery
- Products upgrading in Tehran Refinery

Activities:

Engineering, Procurement Services, Construction and Installation Operation, Commissioning

■ South Pars Gas Field Development Phases 20 and 21

Objective:

Production of 50 million cubic meter per day Natural Gas and Gas Condensate by developing South Pars Gas Oil Field.

Activities:

Construction, Pre-commissioning and Assistance in Commissioning of Area A of Phase 20, 21 including to the following Units

- Steam, Instrument & Service Air and Nitrogen Production
- Water and Waste Water Treatment
- Sea Water Intake and Booster Pump Station
- Cooling and Fire Water Station
- Flare & Related Facilities and Burn Pit
- Utility and Offsite Drain Facilities

■ Sarvestan – Saadatabad Oil Field Development

Objective:

To produce 27,000 BPD oil and export to Shiraz Refinery.

Activities:

- Completion of 12 Well Sites (wellhead facilities)
- 4,6 & 8 Inches Flow Lines totally approx. 110 km
- Completion of Central Process Facilities (CPF)
- Gas gathering, compression and injection facilities for 20 mmscfd of associated gas

■ Tabriz Oil Refinery Company Sulphur Recovery Plant Project

Objective:

Tabriz Oil Refining Company intends to build a new Sulfur Recovery Plant (SRP) inside the Tabriz Refinery to convert refinery Acid Gas and Sour Gas streams to Liquid Sulfur with Conversion yield of minimum 94%, 110 Ton per day with by the addition of TGT unit, the efficiency will reach 97,7%.

Activities:

Basic & Detailed Engineering, Procurement, Construction, Pre-commissioning, Commissioning Services, Start-up and performance test run and training of owner's personnel.

■ Basic Engineering Design for Bandar Abbas Gas Condensate Refinery

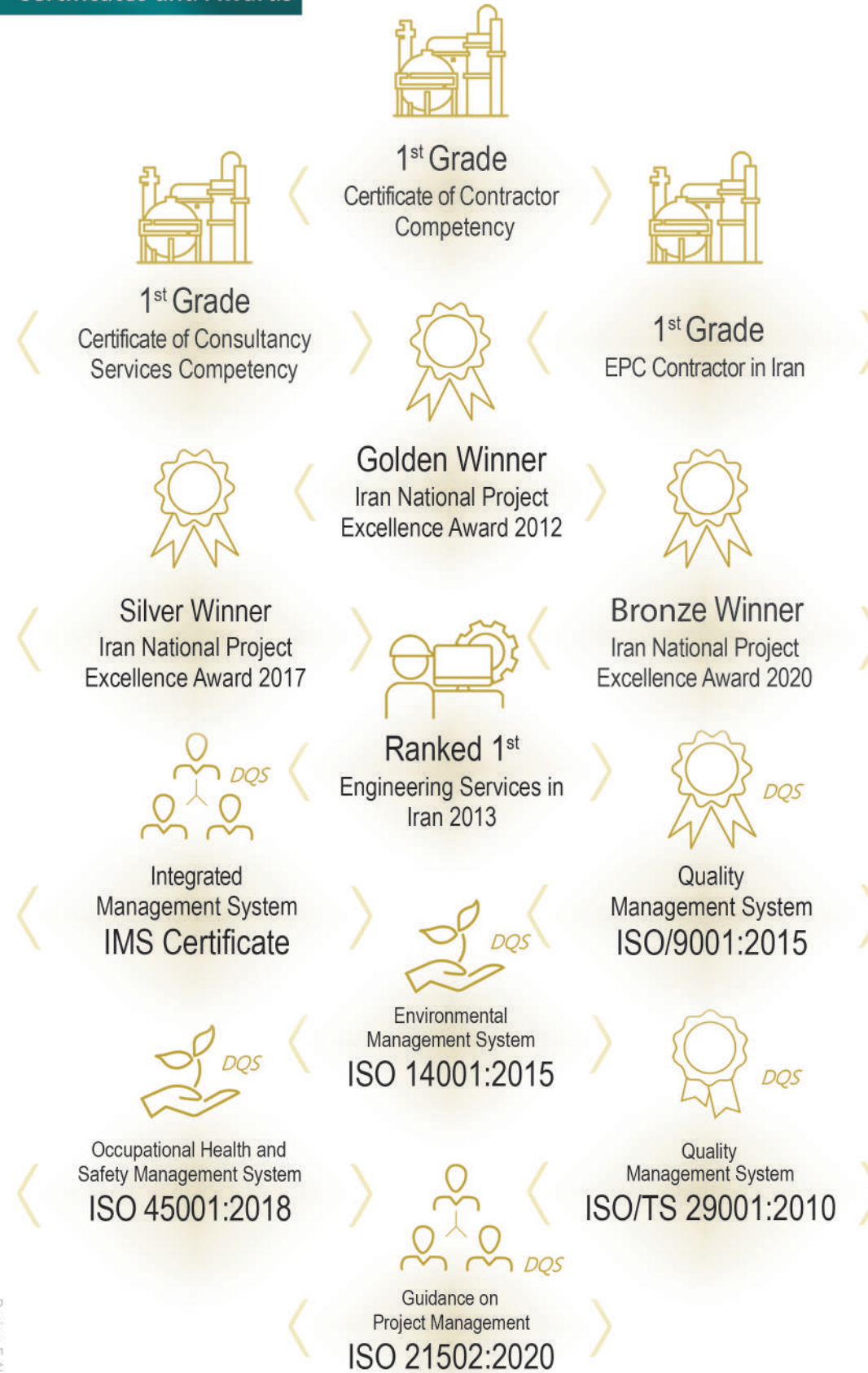
Objective:

- Production of 37 million liters Gasoline per day according to Euro V
- Production of 3 million liters LPG per day
- Production of 3.3 million liters Kerosene & Jet Fuel per day
- Production of 13.2 million liters Gasoil per day

Activities:

- Basic design 120,000 BPD in three phases of the whole refinery Preparation and supply of Basic Engineering Design, Package for Bandar Abbas Gas Condensate Refinery for the following units and facilities:
- Condensate Distillation Unit
- CCR Unit
- ISOM Unit
- LPG Recovery Unit
- Amin Treating Unit
- Utilities and Offsite Facilities
- Sea Water Intake
- Sulfur Recovery Unit (SRU)

Certificates and Awards



Oil Design & Construction Co.

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About ODCC

With three decades of presence in the country's oil, gas and petrochemical industry as the top engineering contractor, Oil Design and Construction Company has provided a complete set of project services from feasibility studies to the implementation of turnkey projects. The company tries to be the first choice of its customers by providing technology-based engineering services with the best quality of purchase and construction within the framework of a precise schedule and maintain itself as a dynamic and distinctive company.

Company Vision

Promotion the company to a world Class Provider of Project Services

Company Mission

Providing required services for Employers and Investors in projects including:

- Conceptual, Feasibility and Basic Engineering Studies
- Detailed Engineering, Procurement Engineering Services, Field Engineering
- Construction Management, Pre-Commissioning, Commissioning and Operation
- Procurement of Equipment and Materials
- Financial Consulting and Participation
- Participation in Business Development

Services Offered

- Feasibility Studies
- Basic and Detailed Engineering
- Procurement
- Construction Management
- Pre-Commissioning & Commissioning
- Project Management Services
- Financing Option Investigation
- Upgrading/ Debottlenecking

Areas of Expertise

- Oil and Gas Refineries
- Onshore and Offshore Oil and Gas Field Development
- Petrochemicals
- Gas Processing Plants
- Petroleum Refining and Product Upgrading
- Oil and Gas Transmission Pipelines
- Utilities, Power Plant, Offsite and Infrastructure



Abadan Oil Refinery

Main Projects

Shazand Arak Refinery Expansion & Products Upgrading Project

Objective:

- To increase capacity from 170,000 BPD to 250,000 BPD
- To reduce the production furnace oil and turn it into valuable products
- To Produce 3 MLPD of 100 octane Premium Gas
- To increase gasoline production from 4.6 million liters to about 16 million liters per day
- To meet product specification of Euro V
- To follow environmental mandates

Activities:

Execute the project as EPCC, Design and Engineering, Material and Equipment Procurement, Construction, Pre-commissioning and Commissioning.

Tehran Oil Refinery Company Product Upgrading Project

Objective:

- Products upgrading in Tehran Refinery by installation of new units and modification of existing units.
- Refining 53,000 BPD gasoline and quality upgrading to Euro V
- Refining 31,000 BPD kerosene and quality upgrading to Euro IV
- Removing 110 TPD sulfur from diesel produced by refinery

Activities:

Detailed Engineering, Procurement Services, Supply of Materials, Construction, Pre-commissioning and Assistance in Commissioning

Bandar Abbas Refinery Debottlenecking Project

Objective:

Increasing the capacity of the distillation units of the refinery from 232,000 BPD to 320,00 BPD.

Activities:

Review and Endorsement of Basic Design Package, Detailed Design, Procurement and Construction.

Abadan Refinery Stabilization and Upgrading Project

Objective:

- To stabilize 360,000 BPD refining capacity with construction of new train with capacity of 210,000 BPD
- Production of 15.1 million liters' gasoline per day according to Euro V
- Refining of 87,000 BPD gasoil and quality upgrading to Euro V
- Refining of 49,000 BPD kerosene

Activities:

Detailed engineering, Material and Equipment Procurement, Construction, Commissioning and Assistance in Commissioning of new units with a refining capacity of 210,000 BPD crude oil, including licensed units (hydrogen product, naphtha refining, oil and gasoline refining, gasoline, isomerization, sulfur recovery and hydro cracking) and unlicensed units (distillation in atmosphere and vacuity, liquefied petroleum gas production, sour water stripping and amine and necessary utility), modification of existing units and their integration with new units.

Distillate Hydrotreating Project Shiraz Oil Refinery

Objective:

- Construction of Distillate Hydrotreating units with capacity of 26,000 BPD and quality upgrading to Euro V
- Construction Gas Treating (AMN)
- Construction Sour Water Stripping (SWS)
- Construction Sulfur Recovery Unit (SRU) licensed by LE GAS company

Activities:

Basic Engineering, Detailed Engineering, Procurement Services, Construction, Pre-commissioning and Assistance in Commissioning .

Tabriz Oil Refinery Company Gasoil Hydrotreating Plant

Objective:

- Refining 30,000 BPD gasoline and quality upgrading to Euro V
- Removing 53 TPD sulfur from diesel produced by refinery
- To Plant a new SRU unit next to the old one with the capacity of 110 TPD sulfur

Activities:

Detailed Engineering, Procurement, Construction, Pre-commissioning and Assistance in Commissioning.

Sepahan Oil Co. TDAE & HDT Project - Isfahan

Objective:

- TDAE unit:
In the base oil production process, the by-product DAE (Distillate Aromatic Extract) is produced from fractions obtained from the vacuum distillation tower or de-asphalted petroleum fractions, which has very high percentage of aromatic compounds. TDAE also includes polycyclic aromatic compounds or PCA (Polycyclic Aromatic). The purpose of constructing the TDAE unit is to separate these compounds from DAE and produce oil with a maximum of 3% wt of PCAs.
- HDT unit:
purchase, implementation and setup.

Activities:

- Design and engineering services in the field of reviewing and providing opinions and finally providing technical approval/endorsement of the design and detailed engineering carried out by TDAE unit and making the necessary corrections (if needed)
- Completing the remaining detail engineering and design services (Detail Engineering) of the TDAE unit, performing engineering and technical services for the purchase of the entire TDAE unit from the end of the technical approval (Endorsement)
- Buying and supplying materials, equipment and goods needed by TDAE and HDT units
- Delivery of land and equipping the workshop and implementation of building operations and installation and pre-commissioning of TDAE and (HDT) units, including the completion of executive operations.
- The commissioning operation will begin immediately after the completion of the construction, installation and pre-commissioning operations.

Esfahan Oil Refinery Company Construction and Installation of Gasoil Hydrotreatment Project

Objective:

- Refining of 100,000 BPD gasoil and quality upgrading to Euro V
- Removing 300 TPD sulfur from diesel produced by refinery

Activities:

Construction, Installation and Pre-Commissioning Activities such as:
Civil Works, Installation, Piping, Electrical & Telecommunications, Cathodic Protection, Instrument and Safety Equipment.

Esfahan Oil Refinery Company Construction and Installation Operation of Utility and Offsite Units and Connection to Diesel Refining Project

Objective:

Civil Operations, Installation of Steel Structures, Installation of Equipment, Underground and Surface Piping, Electricity and Telecommunications, Cathodic Protection, EHT, Instrumentation, Fire Alarm, HVAC Installation, Miscellaneous Civil, Painting, Fire Proofing, Pre-Launch and Assistance in launching the project related to Utility Units, Offsite and Connection to the gasoil refining project of Esfahan Oil Refining Company.

Activities:

Construction and Installation Operation, Pre-Commissioning and Assistance in Commissioning Utility Units and Offsite of Diesel Refining Project of Esfahan Oil Refining Company.

Esfahan Oil Refinery Upgrading & Petrochemical Project (EORUP)

Objective:

- To minimize production of low-value heavy products such as high sulfur fuel oil
- To produce fuel products to meet environmental standards
- To increase production of lighter and more valuable fuel products (LPG, gasoline, gasoil)
- To maximize production petrochemical precursors such as propylene and isobutylene
- To develop the value chain of petrochemical products

Activities:

Detail Engineering Design and Procurement Services – Procurement Management and Contract with Suppliers and Vendors - Management and Supervision of Construction and Installation Activities and Contract with Subcontractors



Esfahan Oil Refinery