Contact

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Top Skills

Renewable Energy
Energy Efficiency
Energy Management

Certifications

B2 Goethe Certificate
3D Modeling Of Operation Units With PDMS Software
HYSYS Software
Comprehensive Project Management Based on PMBOK 5th Edition
Piping Design Foundamental

Publications

Technical and Economic Comparison Between LNG Production Methods Using Condensation Refrigeration Cycle
Technical Comparison Between LNG Production Methods Using Condensation Refrigeration Cycle and Economic Comparison Between Gas Transmission Methods To Remote Areas

Mohammad Alahyarpour

Piping Engineer
Vienna, Vienna, Austria

Experience

E&C Ingenieurbüro für Maschinen- und Anlagenbau
Piping Engineer
October 2023 - Present (4 months)
Austria

PIDMCO (Petrochemical Industries Development Management Co.)
Piping Engineer
November 2019 - June 2023 (3 years 8 months)
Tehran Province, Iran

Main Project:
Persian Gulf Bid Boland Gas Refinery is currently designed to receive 2000 MMSCFD feed gas including 1700 MMSCFD sour gas from NGLs 900 & 1000 and 300 MMSCFD sweet gas from NGLs 1200 & 1300. In order to secure and long-term availability of the feeds, a mega project, with some sub-project, has been defined in gathering network upstream of NGL900, NGL1000, NGL1200, NGL1300 and NGL1500. The project goal is to ensure the gathering and treatment of the existing flared gas streams and transfer them to the Persian Gulf Bid Boland Gas Refinery.
Sub Projects:
Compressor Station (Aghajari 1, Aghajari 4, Aghajari 5)
Compressor Station and Gas Dehydration (Aghajari 2, Aghajari 3, Maroon 5, Ramshir, Rag Sefid 1)
Gas Dehydration (Maroon 3, Pazanan 1)
Pipeline (Pipeline for Gathering Gas from The Mentioned Projects and Transfer to PG Bidboland Gas Refinery)

Tasisat Kar Mahshahr
Piping Designer
June 2018 - October 2019 (1 year 5 months)
Tehran, Iran

Tarh O Palayesh Engineering Company
2 years 7 months

Project Section Leader

June 2017 - May 2018 (1 year)
Tehran, Iran

-Study & Design of Process Facilities for Live Oil Transmission from Meli-rah District to Ahvaz PU5 Project:

For the purpose of developing a part of Ahvaz oilfield as one of the biggest Iranian oilfields and to achieve the maximum planned production, National Iranian South Oil Company (NISOC) has defined "Study & Design of Process Facilities for Live Oil Transmission from Meli-rah District to Ahvaz PU5 Project".
This project includes studies to design the required process facilities and pipeline to transfer a maximum 14 MBPD produced live oil from several new drilled and one repaired wells in Meli-rah area to Ahvaz PU5.

Piping Design Engineer
November 2015 - June 2017 (1 year 8 months)
Tehran

- Siah-Makan Slug Catcher & Gas Transmission Pipelines Replacement Project:

Siah-Makan High Pressure Compressor Station is located 22 km of Deylam port in Bushehr province. This plant includes receiving facilities, separation equipment and compression systems for delivered streams from Bibi Hakime 1&2, Rag Sefid 1&2 and Binak.
“Siah-Makan Slug Catcher & Gas Transmission Pipelines Replacement Project” has been defined in order to prevent production discontinuity due to extensive corrosion occurred both in pipelines and slug catcher.

- West Karun Oil Transmission Capacity Increase Project:

West Karun oil fields consist of North and South Azadegan, Darquain, Yadavaran, North and South Yaran, Jufeyr and Band-e-Karkheh oil fields. Producted light and heavy crude oil from these oil fields are being processed in a centralized pumping system before transmission to the port of export. Considering the latest development plans and predicted changes in transmission and distribution schemes of crude oil, in order to increase the capacity of transmission, Petroleum Engineering and Development Company (PEDEC) has defined "West Karun Oil Transmission Capacity Increase Project".

In this project, the capacity f transmission of heavy crude oil network for two stages of approximately 700,000 BPD and 1,000,000 BPD and light crude oil network for 190,000 BPD is considered.

Shanul Farayand Co.
Piping Design Engineer
May 2015 - September 2015 (5 months)

Education

Shahid Beheshti University
Master's degree, Energy Management and Systems Technology · (November 2015 - May 2017)

K. N. Toosi University of Technology
Bachelor of Applied Science (B.A.Sc.), Mechanical Engineering · (2010 - 2015)