

MASOUD FOOLADZADEH
B.Sc. Mechanical Engineering (Solid Design)

Objective

Specialties: His background is in preparation of Piping Conceptual Design, FEED and Detail Design for Offshore and Onshore Oil, Gas and Petrochemical, Refinery and Acid Plants EPC projects Facilities.

Work Experience



HEIDCO.CO,

Project Engineer

MORVARID MOKRAN Petro Refinery (MC)

Capacity:300,000

Piping Project Manager

April 20, 2016- Present

“MOKRAN Petro Refinery Engineering Services Project”

Redesign TAMOIL Refinery of COLLOMBEY

Capacity:57,000

CDU+UNIFINER+REFORMER+ISOM

SWS+ATU+SRU+LPG+CAUSTIC+GHT

RCC+PRIMEG+SULFUR+POLYNAPHTHA

GTG+UTILITIES+WWT

FLARE + N2 + LPG VESSELS + INTERCONNECTION

Lead Piping Engineer

(PMC) “Esfahan Refinery Upgrading Project”

Isfahan Oil Refinery Utility & Offsite project for DHT:

RFCC UNIT, Gasoline Hydro treating, LPG, Gasoil Hydro treating,

Hydrogen Production, LP Amine, Steam and Power Unit, Flare Unit, Tankage

Role and responsibilities held:

- a. Assisted in supervision of Esfahan refinery upgrading projects.

Bandar Abbas Oil Refining Compony

Project Managing Consultancy (PMC) in Heavy Products Quality Improvement of Bandar Abbas Refinery.

Tabriz Oil Refining Company

Capacity:52,5 Ton Per Second

Debottlenecking studies and Basic Design for Capacity Increase of existing Liquefied Gas Units

Qeshm Naft NIK Company

Conceptual and Basic Design for 120,000 BPSD Qeshm Condensate Refinery Project

Arak Oil Refining Company

Endorsement of the feasibility study for Needle Coke Production Unit Project

**SAZEH SANAT PAHANG-JV-BINA, SNC Canada Engineer.CO Limited
Cooper Sulfuric Acid Plant (MES-E-SARCHESHMEH)**

August 26, 2014 – 2016

Products: Single: 320 T/D Sulfuric Acid 93% H₂SO₄-Double: 993 T/D Sulfuric Acid 96% H₂SO₄.

Senior Piping Engineer

Role and responsibilities held:

- a. Supervised Copper Complex Sulfuric Acid Plant (Single & Double) modeling from 30% to 100%. Design areas included Chiller building, Acid storage and loading, Blower building & pipe rack, Secondary drying acid, Cooling water, Fire Water, strong acid, absorbing acid, Converter, Gas cleaning, set data sheet, scope of work, Bill of material, TBE, As built Doc extracted from site and more.
- b. Assisted in supervision of site troubleshooting and responding about TQ, And NCRs.
- c. Assisted on report preparation of site overhaul duration that includes, converter zone, WESP (Precipitator), Quench Tower, Acid Cooler, Sewer Lines, Pre heater activation, etc.
- d. Assisted in supervision of the commissioning of Double Absorption & Acid product, constructed by AZARAB.
- e. Model presentation of Sulfuric Acid Plant in KERMAN, SARCHESHMEH Site.

**Satellite Group of PIRECO (SADRA)-Worley Parsons Malaysia
Offshore, South Pars Gas Filed Development Phases 17/18.**

November 2, 2011– October 29, 2013

Senior Piping Engineer

Role and responsibilities held:

- a. Assisted in supervision of phases 17/18 Off-shore platform See level included all Decks: Cellar, Lower (Main), Upper and helideck modeling from 60%-100%. Vendor incorporation, Remodeling, Model review, ISO Check, PMS check, PID Check, Piping Plan Check, MTO check, Close out meeting, data deliveries, TBE, Yard Visit, ...
- b. Yard presentation 3D Modeling.

**NARGAN & SAZEH Consultant Engineering Consortium
Onshore, South Pars Gas Filed Development Phases 22/23&24.**

Aug 30, 2011– Des 22, 2011

Senior Piping Engineer

Role and responsibilities held:

- a. Assisted in supervision of main rack phases 22/23&24.
- b. Supervised unit Gas station phases 22/23&24.

**NARGAN Consultant Engineering.co
Onshore, South Pars Gas Filed Development Phases 15/16**

Apr 12, 2008– Aug 29, 2011

Products:

**50,000,000 M³/D Treated Gas- 2,210,000M³/D (1,000,000T/Y) Ethane (C₂)- 80,000BBL/D Gas Condensate-
1,050,000 T/Y Liquefied Petroleum Gas (LPG)- 400T/D Sulfur.**

Piping Engineer

Head Piping Unit Gas Station

Role and responsibilities held:

- a. Assisted in supervision unit gas station modeling (0%-100%) of phases 15/16. Included unit Dehydration, main rack u-107, ISO extracting, Plot plan, Piping Plan, Section Plan, stress analysis, ASME B31.1 and B31.3, ...
- b. Assisted in supervision of MTO phases 12, MTO plant SHAHRIAR Tabriz.
- c. Site presentation 3D Modeling.
- d. 4 time presentation 3D Modeling in different progressive included 15%-35%-65%-95% to GHARARGAH-E-KHATAM.
- e. Introduced modifications into existing systems and designed new and innovative systems.

KAVOSHKAM ASIA Engineering – MCI

Apr 12, 2007– Apr 12, 2008

Turn Key Projects,

- a. Assisted in supervision of signal optimization of MCI subcontractors.

Educational Qualification

Courses	UNIVERSITY/BOARD	INSTITUTE	YEAR	GRADE
B.Sc. Mechanical	Azad- south Tehran	Technical collage	2003	16.53
A.S Machine tools	Azad- south Tehran	Technical collage	2001	16.30
Diploma(mathematic)	Musabn-E-Jafar	HIGH SCHOOL	1997	17.44
*	*	*	*	*
PIPING I&II	-	Novin Parsian	2005	87%
PDMS	-	Novin Parsian	2004	80%
CAESAR I&II	-	Novin Parsian	2007	93%
ANSYS I&II	Tehran	Jahad-E-Daneshgahi	2003	73%
Plant Stream	Online	Chiya's & Arent's	2023	90%

Areas of Interest

- Piping
- Mechanic-Piping
- PROJECT MANAGER



Industrial Training

- a. Training on Piping I&II, Code and standards, ANSI-ASME in NARGAN.
- b. Off shore platforms types: Jacket, TLP, FPSO, SPAR and NORSOK Standards in SADRA.
- c. Hand Book of Sulfuric Acid Plant Manufacturing edited by Douglas k.Louie, Ontario Canada, in PAHANG & BINA.
- d. The Plant Stream, developed a system to improve the efficiency of 3D plant engineering.

Project Details

- a. Involving on oil and gas projects of south pars development filed, both onshore& offshore as piping design engineer on phase 15/16 and 22/23&24 and phase a17/18.
- b. Involving on Acid sulfuric Plants of Mes-E-Saecheshmeh.

Seminars and Workshops

- Oil &GAS, Offshore platform presentation February 2-3, 2013
- Oil &GAS, On shore presentation December 2-4, 2010
- Compressor Gas Station presentation for SIEMENS. August 12, 2010

- Acid Plant presentation October 28, 2015
- Oil &GAS, Offshore platform presentation, in Cameron Singapore October 28, 2013

- Material selection Duplex and super duplex October 28, 2016
- Corrosion of materials October 28, 2016
- Plant Stream Decembe 10, 2023

Achievements

- Awarded 50% projects Fee by university
- FULL FILLED MEGAPROJECTS FROM 0-100%
- Achieve to meet project deadlines, time managing
- Successful initiation, planning, design, execution, monitoring, controlling, and closure of a project. leads his team to ensure successful project completion within the scheduled time in every project.

Positions of Responsibility Held

Member:

- Society of Mechanical Engineers
- Society of Piping Engineers and Designers

Volunteer Work and Hobbies

- MAHAK Charity, Society to support children suffering from cancer. 2012
- KAHRIZAK Charity foundation. 2010
- ROUZBEH Charity foundation. 2007
- Reading, Traveling, Music, Skiing, tennis.
- Science and Technology.
- Human Rights.
- Arts and Culture.
- Persian Antique Arts Gallery.

Computer Skills

- Hands on with AVEVA/ **Plant Design & Engineering Software**, including industries of (Oil & Gas, Marine & Offshore, Power, Chemicals, Mining & Minerals, pulp & paper).

- Hands on with **Navisworks/Project Review Software** while simulating by PDMS on Oil& gas job field both onshore and offshore.
- Hands on with **Caesar/ Pipe Stress Analysis /Intergraph.**

SOFTWARES: MS OFFICE, PLANT STREAM, PDMS, CAESAR, ANSYS (APDL), Solid Works, COSMOS, PV ELIT, HTRI.

Personal Profile

- D.O. B : June 12, 1979
- Passport number : H18955184
- Languages known : English, Turkish
- CELL PHONE: +989124885015