

CURRICULUM VITAE

Personal information

Name/Family: Mona, Pazhand Moghadam
Date/Place of Birth: 1984-Tehran
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Objective

“Looking for a challenging role in an organization, which provides opportunities to enhance my skills and expand my knowledge for the growth of the company.”

Job Experience

[Jul.2020 till now] Maroon karan company Head of safety dep.

Head of safety dep. developing on the bellow project:

- Flare System Optimization in Karoon Oil and Gas Production Company in order to Reduce Pollution (Smokeless Flare System)
- Gathering 2nd Stage Excess Gas in Gachsaran I & II Production Units
- Replacement of Old Ingersoll Rand Compressors and Electric Drivers in Ahwaz-Marun Gas Compression Stations
- Construction Oil Booster Cluster and Separation Unit for Sulabdar Oil Field

[May.2019 till Jul 2020] Rahbord Energy company

I was in charge of designing and developing on the bellow project:

Gurreh-Jask Pump station No.5 Project
Dorahan Gas Compressor Station Project (IGAT X)
Saadat Abad Oil Field Development Project

[Jul.2016 till Sep 2018] Sazeh Consultant Engineering company

As a Senior Engineer at Fire Fighting and Safety facilities department, I was in charge of designing and developing on Detail and construction of Bidboland II , Gas refining company.

[Oct.2011 till Feb. 2016] Bamdej Tarh company

As a Safety engineer at Fire Fighting and Safety facilities department, I was in charge of designing and developing on the bellow project:

- Basic design of utility &offsite of Boroujen Petrochemical Industry Co.
- Utility &Offsite of Dahdasht Petrochemical Industry Co.
- Basic and detail design of Qeshm Oil Tank Farm/Ofogh Oil Terminal project.
- Basic and detail design of Darab HDPE Plant.
- Detail design of Mehr Petro Kimiya Polypropylene & Propane Dehydrogenation Plant.
- Bidboland II , Gas refining company.

Personel experience

- Kermanshah Refinery,
- Development of Tehran Refinery,
- South East Zagross cluster sarvestan and sadaat abad oil fields,
- Azadegan Oil Field,
- Azar Oil Field.
- Sepehr jufair
- Tabnak Oil Field
- Shanol Sarkhun Gas Stations

In each project I was actively involved in either of the following activities:

- Fire Water Demand Calculation,
- Hydraulic Calculation for Fire Water Network, Water Spray System, Water Sprinkler System& Foam System,
- Fire Water Network Diagram,
- P&ID for Fire Water Unit, Water Spray System, Foam System& Water Sprinkler System,
- P&ID for Gas Extinguishing System,
- Preparation of Process documents for Fire Water Unit, such as PFD, MSD, P&ID, Design Basis, Tank and Vessel Sizing Report, Line Sizing, Operating Manual,
- Alarm and Set Point List,
- Fire and Gas Detection Layout & Index &Block Diagram,
- Fire & Safety Equipment Layout,
- Escape Route and Safety Sign Layout,
- Material Safety Datasheets, Hazard Source List and Hazardous Area Classification,
- Preparation of Equipment Data Sheet,
- Fire Proofing Zoning Layout,
- Consequence Analysis, Fire Zone, ESDv Layout,

- ***[May2010 till March 2011] Wahang saran Company***

Process Engineer, Water Treatment facilities department, at Filtration, Disinfection, Reverse Osmosis, Ion Exchange Systems filed.

- Preparation of required process documents for Sea Water Reverse Osmosis Desalination
- Preparation of required documents for some tenders (Ghaenat , Kian Farayand, Iraq, Qeshm,...)

[April 2011 till Oct.2011] Trainee at Sazeh Farafan Company

[May2009-May2010] Management and optimization of energy institute

[Nov2008-May2009]Training Course

Process Safety engineering course at National Iranian Oil Refining & Distribution Co. & CAPE Consultant Co

Academic background

- M.Sc. Chemical Engineering, Tehran North - Azad University
Thesis title: Optimum Layout of Gas Detectors Using Dispersion Models
- B.Sc. Chemical Engineering, Guilan University

Key skill

- Familiar with international standards such as NFPA, API, BS and Practice such as Shell and Total related to oil and gas industry.
 - Communication with other disciplines in project engineering team.
 - Participation in safety meeting such as HAZOP and SIL study.
 - Familiar with following fire fighting and safety systems such as:
 - Consequence analysis and recommendations,
 - Water Based Systems including. Water spray systems, Sprinkler systems, Private fire water networks and fire water pumps,
 - Foam Based Systems including, semi-fixed and fixed foam systems,
 - Manual fire protection systems such as portable / wheeled extinguishers stand pipe system and Hose Reels,
 - Fire Alarm& Gas Detection systems design for Buildings and process areas,
 - Hazardous area classification in plant,
 - Personal protection systems determine and equipment,
 - Gas Extinguishing system,

Working with following software:

- PIPENET Vision (Spray, Sprinkler& Standard Modules)
- PHAST
- HYSYS
- PHA PRO
- FLARESIM
- ROSA& GENESYS
- Microsoft Office (Excel, Word, Access, Power point)& AutoCAD

Language

- English (intermediate)