

Amir Salarabadi

Man • 23 September 1979 • Married
US Permanent Resident (Green) Card

Picture



Contact

web: Salarabadi.com
e-mail #1: Amir@Salarabadi.com
e-mail #2: AmirSalarabadi@hotmail.com
Telegram: @AmirSalarabadi
LinkedIn: <https://www.linkedin.com/in/AmirSalarabadi>

Key Skills

Proficient with a vast array of oil & gas plant management, commissioning, startup & operations (Amine Unit, C₂Recovery Unit, Dehydration Unit, Inlet Facility, Stabilizer, SRU, MRU, LPG and)

Chemical Engineering

Oil & Gas operations

Oil & Gas engineering

Process & equipment
design

Oil & Gas
Commissioning &
Startup

Skills

Industry Knowledge

Operations Management

EFQM Model

Production Management

Six Sigma

Process Engineering

Process Simulation

Process Design

Equipment Design

Process Improvement

Commissioning & Startup

5S

Tools & Technologies

Microsoft Windows & Office

Excellent

Aspen HYSYS

Very Good

COMSOL Multiphysics

Good

WordPress

Very Good

Python

Good

Website Building

Very Good

Data Analysis

Very Good

Systematic thinking

Interpersonal Skills

Strategic thinking

Organize

Troubleshooting & Problem solving

Team Leadership

Education (Classical)

2013 to 2020	PhD in Chemical Engineering – Process Design Razi University, Kermanshah, Iran
2011 to 2013	Master in Chemical Engineering – Process Engineering Ahar Islamic Azad University, Tabriz, Iran
2004 to 2006	Bachelor in Chemical Industry Engineering Shahrood Islamic Azad University, Semnan, Iran
1992 to 1996	diploma in Chemical Industry 2 ^{No} Kermanshah, Iran

Education (Professional)

No	Course Name	Duration (hr.)	Date	Location
31	Law on Tenders	8	2020	NIGC (National Iranian Gas Co)
30	HAZOP	48	2019	NIGC (National Iranian Gas Co)
29	Emergency response management	8	2018	NIGC (National Iranian Gas Co)
28	Continuing education crisis management	16	2016	NIGC (National Iranian Gas Co)
27	Leadership competencies	24	2015	NIGC (National Iranian Gas Co)
26	Problem solving and decision-making methods	24	2015	NIGC (National Iranian Gas Co)
25	CISM Information Security Management	8	2015	NIGC (National Iranian Gas Co)
24	The law of holding tenders	24	2015	NIGC (National Iranian Gas Co)
23	HAZOP Seminar-Studies Using PHA-PRO Software	24	2015	NIGC (National Iranian Gas Co)
22	Teamwork	24	2015	NIGC (National Iranian Gas Co)
21	Advanced Supervision	25	2010	NIGC (National Iranian Gas Co)
20	Human Resource Management	25	2009	NIGC (National Iranian Gas Co)
19	Development of supervisory skills	16	2009	IMQ
18	Workplace health and safety and industrial hygiene	24	2009	NIGC (National Iranian Gas Co)
17	Psychological principles for supervisors	25	2009	NIGC (National Iranian Gas Co)
16	Amine processing	25	2008	Tripelton
15	Specialized job training	160	2003	NIGC (National Iranian Gas Co)

14	Public job training and technical occupations Gas	160	2003	NIGC (National Iranian Gas Co)
13	Safety & Firefighting	32	2003	NIGC (National Iranian Gas Co)
12	Familiarity with the facility side	16	2003	NIGC (National Iranian Gas Co)
11	Familiarity with the Gas Process	42	2003	NIGC (National Iranian Gas Co)
10	Public job training and technical occupations Gas	160	2003	NIGC (National Iranian Gas Co)
9	Heat and mass transfer	40	2003	NIGC (National Iranian Gas Co)
8	Familiarity with the mechanics of fixed devices	20	2003	NIGC (National Iranian Gas Co)
7	Familiarity with the mechanics of machinery	60	2003	NIGC (National Iranian Gas Co)
6	Familiarity with electricity	70	2003	NIGC (National Iranian Gas Co)
5	Familiarity with instrumentation	78	2003	NIGC (National Iranian Gas Co)
4	Firefighting Operations	240	2003	NIGC (National Iranian Gas Co)
3	Technical language	40	2003	NIGC (National Iranian Gas Co)
2	Public language	588	2002	NIGC (National Iranian Gas Co)
1	News conference	25	2002	NIGC (National Iranian Gas Co)

Work Experience

NIGC (National Iranian Gas Co), IRAN – 20 Year Experience

Staff

IGTC (Ilam Gas Treating Co), NIGC (National Iranian Gas Co), IRAN

2020 to now

Chief Operating Officer / Vice President of Operations / IGTC Board Members

- ✓ Productions unit (Amine Unit, SRU Unit, Sulfur Forming, Stabilizer Unit, De-Hydration Unit, C₂Recovery Unit Export Compressor Unit) and Utility (Boiler, Water System, WWT, Flare, Storage & ...)
- ✓ Production control unit
- ✓ Maintenance unit
- ✓ Transport logistics unit

IGTC (Ilam Gas Treating Co), NIGC (National Iranian Gas Co), IRAN

2017 to 2020

Head of Process Engineering

- ✓ Process (Amine Unit, SRU Unit, Sulfur Forming, Stabilizer Unit, De-Hydration Unit, C₂Recovery Unit Export Compressor Unit)
- ✓ Utility (Boiler, Water System, WWT, Flare, Storage & ...)

IGTC (Ilam Gas Treating Co), NIGC (National Iranian Gas Co), IRAN

2013 to 2017

Daily Superintendent

- ✓ Process (Amine Unit, SRU Unit, Sulfur Forming, Stabilizer Unit,
- ✓ De-Hydration Unit, C₂Recovery Unit Export Compressor Unit)

POMC (Petropars Operating & Management Co), Asalooyeh Ph. 15&16, IRAN Commissioning & Startup Process Daily Superintendent ✓ Gas Process	2013 to 2013
IGTC (Ilam Gas Treating Co), NIGC (National Iranian Gas Co), IRAN Daily Superintendent ✓ Production (Amine Unit, SRU Unit, Sulfur Forming, Stabilizer Unit, De-Hydration Unit, C ₂ Recovery Unit and Export Compressor Unit)	2011 to 2012
IGTC (Ilam Gas Treating Co), NIGC (National Iranian Gas Co), IRAN Startup Team, Head of Gas Process ✓ Production (Amine Unit, Stabilizer Unit, De-Hydration Unit, C ₂ Recovery Unit and Export Compressor Unit)	2008 to 2011
PGRC (Parsian Gas Refinery Co), NIGC (National Iranian Gas Co), IRAN Startup Team, CCR Senior Operator ✓ Gas Process	2007 to 2008
SGPC (Khangiran Gas Refinery Co), NIGC (National Iranian Gas Co), IRAN CCR Operator, Field Operator ✓ Amine Unit	2005 to 2007
SPGC Ph 1 (South Pars Gas Complex), NIGC (National Iranian Gas Co), IRAN CCR Operator, Field Operator ✓ Amine Unit, De-Hydration Unit, MRU, Propane Refrigerant Unit, Export Gas Compressors, SRU, Inlet Facility & Stabilizer Unit	2003 to 2005
SPGC Ph 2&3 (South Pars Gas Complex), NIGC (National Iranian Gas Co), IRAN Field Operator ✓ Amine Unit, De-Hydration Unit, Propane Refrigerant Unit, SRU, Inlet Facility & Stabilizer Unit	2002 to 2003

Committees

Research Committee	IGTC - NIGC (National Iranian Gas Co) - Iran	2013 to Now
EFQM Management Committee	IGTC - NIGC (National Iranian Gas Co) - Iran	2016 to Now
Consultant selection board	IGTC - NIGC (National Iranian Gas Co) - Iran	2020 to Now
Corrosion Committee	IGTC - NIGC (National Iranian Gas Co) - Iran	2020 to Now
Productivity Committee	IGTC - NIGC (National Iranian Gas Co) - Iran	2013 to Now
Product sales team	IGTC - NIGC (National Iranian Gas Co) - Iran	2020 to Now
Digital Transformation Committee	IGTC - NIGC (National Iranian Gas Co) - Iran	2023 to Now

Teaching

Ilam Gas Treating Co.	Stirring tanks design	2024
The Petroleum University of Technology	Fluid Mechanics	2021-2022

Ilam University	Natural Gas Processes	2013 to 2018
Ilam Gas Treating Co.	Processes and control	2011
Ilam Gas Treating Co.	Supervision	2009

HONORS / AWARDS / ACTIVITIES

Certified	RECYCLING OF INDUSTRIAL WASTES	2014
Recommendation	Frank Garden (POMC Operation Manager), Commissioning & Startup, SPGC, Phase 15&16	2013
Honor	On NIGC (National Iranian Gas Co) won employee of the year	2009
Honor	on NIGC (National Iranian Gas Co) won young employee of the year	2008

Invention and discovery

Solar still process with EIL effect	Invention	International	C02F 04/1; B01D 22/1; B65D 00/88;	2020
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Article & Publication

No	Name	Published in	Year	Type
14	Experimental investigation of using an evaporation inhibitor layer in a solar still	<i>Solar Energy</i>	2020	ISI
13	Odor removal sulfur compounds (Mercaptans) Case Study: Ilam Gas Treating Co (IGTC)	<i>International Journal of Oil, Gas and Energy</i>	2013	Journal
12	Method oxidative de sulfurization (ODS) for reducing sulfur oil	<i>The First National Conference of New Technologies in Chemical and Chemical Engineering</i>	2013	Seminar / Conference
11	Remove the smell of mercaptan empty barrels in city gate station (CGS) and Environmental problems	<i>Regional Conference on Opportunities and Challenges in the production of the National Iranian capital and labor</i>	2012	Seminar / Conference
10	CFD Modeling of Unpleasant Smell Removal Material Injection in to the Outlet Pipe from Ilam Gas Refinery Stabilizer Unit	<i>Fourteenth Congress of Chemical Engineering, Sharif University, Tehran, Iran</i>	2012	Seminar / Conference
09	Removal of Unpleasant Smell Sulfur Compounds from Ilam Gas Refinery Condensate	<i>Fourteenth Congress of Chemical Engineering, Sharif University, Tehran, Iran</i>	2012	Seminar / Conference
08	A new high performance gas hydrate inhibitor	<i>Journal of Natural Gas Chemistry, Volume 19, Issue 3, May 2010, Pages 323-326</i>	2010	ISI

07	A novel correlation approach for prediction of natural gas compressibility factor	<i>Journal of Natural Gas Chemistry, Volume 19, Issue 2, March 2010, Pages 189-192</i>	2010	ISI
06	A new and reliable model for predicting methane viscosity at high pressures and high temperatures	<i>Journal of Natural Gas Chemistry, Volume 19, Issue 5, September 2010, Pages 552-556</i>	2010	ISI
05	Study and New Assessments of Gas Injection Effect on Asphalted Precipitation in Reservoir Crude	<i>Petrophase 2009, June 14-18, Rio De Janeiro, Brazil</i>	2009	Seminar / Conference
04	Viscosity Prediction of Saturated and Under saturated Black Oil Reservoir Through New Effective Approach	<i>Petrophase 2009, June 14-18, Rio De Janeiro, Brazil</i>	2009	Seminar / Conference
03	A New Model to Predict the Gas-Hydrate Formation in Production and Surface Facilities Conditions	<i>Petrophase 2009, June 14-18, Rio De Janeiro, Brazil</i>	2009	Seminar / Conference
02	Experimental And Modeling of Temperature and Pressure Effects on The Wax Gel Strength	<i>Petrophase 2009, June 14-18, Rio De Janeiro, Brazil</i>	2009	Seminar / Conference
01	Inlet gas temperature decreases Khangiran gas refinery	<i>Fifth Congress of Chemical Engineering, Shahroud, Iran</i>	2006	Seminar / Conference

Test Scores

English Language MSRT(MCHE), 2014-12-05

Activities and Interests

Computer Windows (Excellent), MS Office (Excellent), Common Software (Excellent), Professional Software (Aspen Hysys, Gambit and ...) (Good)

Languages

Persian & Kurdish
(native)

English
Reading: Good
Writing: Good
Comprehension: Good
Conversation: Good
Technical language: Very Good

Arabic
(basic)



In His Exalted Name



SOUTH PARS GAS FIELD DEVELOPMENT PHASES 15 & 16

April 21, 2013

To whom it may concern,

I am writing this letter of reference for **Mr. Amir Salarabadi**

I have had the pleasure of working with Amir on our Iranian Phase 15&16 project here in Assaluyeh over the past year. Amir was one of our lead individuals on this project, working as Area Authority on our start up. Amir's knowledge of the operation, and his willingness to share information with others was invaluable.

Amir's attention to detail and hard work led to a very successful result in our gas train start up. I would not hesitate to hire Amir for any new project I am on, or give a reference for him to any other company interested in recruiting him. Amir was a very strong asset on this project, and I am sure he will do well where ever he goes in the future. I wish Amir all the best in his endeavors, and hope that someday our paths will cross again.

Best Regards

Frank Garden
Operation Manager
Commissioning & Start-Up
South pars Phases 15&16, Iran
Iran: +98 912 207 8965
Canada: +1 604 578 8008
Office extension: 104
Petro Pars Operations & Management Co.

