

Mohammad Sadeghirad, Ph.D. Eng.



- Vice President of Projects at SHARGAN, Tehran, Iran (<https://www.shargan.com/>)
- **About 20 years' experience**
- Field of activity: Oil, gas and Petrochemical
- Ph.D. in Electrical Power Engineering, **University of Tehran**
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- Updated: April., 2022

Personal Details

- Marital status: Married (and have two sons)
- Nationality: Iranian
- Date of birth: 28 June 1977
- Place of birth: Tehran, Iran
- Military service: done

Areas of Expertise

- Team management and team working
- Project management

Work Experience

About 20 years' experience since June 2000.

1. SHARGAN Consultants Engineers, oil, gas and petrochemical, Grade I, Tehran, Iran:
Vice President of Projects, Dec. 2022 till now
 - Kermanshah Refinery (Fuel oil and Gasoline programs)
 - Isfahan Mirdamad Refinery, Oil group II and II project
 - Isfahan Sohrevardi LPG (C3 and C4 value Chain) Basic and FEED engineering
 - GTPP EslamAbad Gharb Petrochemical
 - Qeshm Oil Terminal (6.5 million Barrels)
2. Namavan Delvar Engineering and Construction (NDEC), oil, gas and petrochemical, Tehran, Iran,
 - *Project Manager* of Tabriz HDPE petrochemical project, Apr. 2021 till Dec. 2022
 - *Project Manager* of Bushehr Olefin / MEG petrochemical project, Apr 2019 - Oct 2020
 - *Project Manager* of Qeshm Oil and Energy projects, Sep. 2017 till March 2021
 - *Project Interface Manager* of Gachsaran Olefin petrochemical project, March 2017- Sep. 2017

- *Project Engineering Manager* of Pardis Urea and Ammonia Asalouyeh petrochemical project, June 2015 – March 2017
- 3. Hirbodan, oil, gas and petrochemical, Tehran, Iran,
Project Engineer (Engineering Coordinator) of Shiraz Urea and Ammonia petrochemical EPC project (Client: PIDMCO), Dec 2011- May 2015
- 4. Paya Niroo: Power Plant and Iron Industry, Tehran, Iran,
CEO, May 2011- March. 2012
- 5. NEDA industrial group, power plants, Tehran, Iran,
 - *Project Manager* of some projects: Genave power plant project, Shahrood power plant project, Zanjan3 power plant project, Kashan power plant project, Ghaen power plant, Tous (Ferdosi) power plant project , July. 2005 – Dec. 2011
 - *Electrical Engineering Leader (PSL)* of Kerman Momtazan Cement plant and its 132/6.3/0.4 KV substation, Apr. 2003-July. 2005
- 6. Mahtab Bargh Co. and Fulmen, Tehran, Iran,
Electrical Engineer of Mayduk Copper project, Songoon Copper project, Sep 2001- Apr 2003

Education

1995-2000, School of Electrical and Computer Engineering, **University of Tehran**, Tehran, Iran ; B.Sc., Electrical Power Engineering

2000-2003, School of Electrical and Computer Engineering, University of Tehran, Tehran, Iran; M.Sc., Electrical Power Engineering

2003-2009, School of Electrical and Computer Engineering, University of Tehran, Tehran, Iran; Ph.D., Electrical Power Engineering

Honors

- **Ranked 53rd** in the field of Electrical Power Engineering, at the Iranian governmental university M.Sc. entrance exam (2000).
- Ranked 292nd at the Iranian governmental university B.Sc. entrance exam among 251,208 applicants (1995).

Publications

A) Management:

- “Interface management (IM) in Petrochemical Projects”, Dr. Sadeghirad; OGP2017, the sixth international conference, Iran, 2017
- “Strategic Management for Petrochemical Projects”, Dr. Sadeghirad, Dr. Eftekhari, and Mr. Nobari; CCPM (Conference of Construction & Project Management), Iran, 2016

B) Petrochemical:

- “Investigation of different petrochemical units producing HDPE” Sadeghirad, Abbasi; Sixth International Conference on Chemistry and Petroleum, 2020
- "The importance of completing the value chain and paying attention to downstream petrochemical industries", Sadeghirad; Sixth International Conference on Chemistry and Petroleum, 2020
- "Comparison of MEG production technologies in Iran's petrochemical industry", Sadeghirad, Hassanpour, Jiriaei; International Conference on Technology Development in Oil, Gas, Refining and Petrochemical, 2019
- “Comparison of Various Ethylene Petrochemicals”, Dr. Sadeghirad and Mr. Abasi; OGP2017, the sixth international conference, Iran, 2017

Additional professional activities

- “Different Urea Petrochemical Plants Technologies”, Dr. Sadeghirad, Dr. Nikzat and Mr. Tahmasebi; OGP2017, the fifth international conference, Iran, 2017
- “The Essence of Master Plan Developing for Petrochemical Hubs”, Dr. Sadeghirad, Dr. Eftekhari, and Ms. Khanidokht; OGP2016, the fourth international conference, Iran, 2016
- “Comparison of Different Ammonia Units With a look at New TOPSOE Technology for Integrated Methanol and Ammonia Production”, Dr. Sadeghirad, Dr. Eftekhari, and Mr. Tahmasebi; Process conf., Iran, 2016
- **Member of Auditors of 8th NPC PETRO-AWARD (2018)**
- Member of Renewable Energy committee of international Power System Conferences (PSC 2017, ... till now)
- Member of **IPMA** (Iran Project Management Association), membership code:94-964-C (2015-2016)
- Member of Development-Oriented Entrepreneurs Center, membership code:490 (2015-2016)
- Member of electrical committee of **NIOEC (National Iranian Oil Engineering and Construction Company)** – the mother company in refinery plants in Iran- for revising the NIOEC standards (2014 and 2015)
- Member of HV substation committee of international Power System Conferences (PSC 2011, PSC 2012, ... till now)
- Member of TCEO (Tehran Construction Engineering Organization) as an electrical engineer, membership code: 10-5-0-90348, (2012 till now)
- Authorization certificate from ministry of roads & urban of Iran; authorization certificate No.: 0-10-500-06172 (2013 till now)
- Consultant of Tavanir (IGMC: Iran Grid Management Co) as an expert in protection of power plant (2011-2012)
- Author of some books in electrical field:
 - Electrical Machines, H. Lesani, M. Sadeghirad, first publishing: 2001, third publishing: 2005
 - Electrical Machine Design, H. Lesani, M. Sadeghirad, first publishing: 2016

Languages

- Foreign languages:
English: Fluent in speaking/reading/listening/writing
- Local languages:
Farsi: mother tongue

Computer Skills

- Familiar with:*
- Microsoft office (Excel, Word, Outlook, PowerPoint)
 - COMFAR (feasibility study software)

Non-academic Experience

- Familiar with:*
- Team Working
 - Project Management,
 - Project Interface Management,
 - Engineering Management,
 - Engineering of Oil, Gas and Petrochemical

REFERENCES

References are available if request.