

CURRICULUM VITAE

PERSONAL PARTICULARS

Name: Sadegh Shojaei

Date of birth: 21 Mar. 1973 (1352/1/1)

Place of birth: Tehran, Iran

Marital status: Married

Nationality: Iranian

Gender: Male

Mobile: 0912 518 1705

Personal E-mail: Shojaei1352@gmail.com

Work E-mail: S.Shojaei@odcc.ir



EDUCATION

B.Sc. in Electrical Engineering (Electronics Engineering)

- Amir Kabir University, Tehran, Iran, 1997.

- GPA: 14.3/20

High School Diploma in Mathematics & Physics

- Emma Sadegh High School, Tehran, Iran, 1992

- GPA: 16.80/20

MAIN INTERESTS

- Dealing with control and instrumentation, industrial / process automation systems in oil, gas and petrochemical refineries and power plants.

WORK EXPERIENCES

- **CSP (Control Sazan Pooyande Co.) Oct. 2012 – Present**

Managing Director(CEO) of **Control Sazan Pooyande Co.**

Control Sazan Group is a one-stop, full-service, engineering resource for industrial automation solutions. We offer custom controls, design/build, integration, and process design services for the Oil and Gas, manufacturing, material handling and distribution industries. We're not an equipment manufacturer, but a solutions provider. This gives us the freedom to select from a large pool of suppliers, which guarantees the RIGHT solution for our customers.

Our vision at **Control Sazan Group** is to become a premier and preferred industrial automation company. By reliably meeting the needs of our customers, we aim to be a dominant player on the Asia continent, whilst developing lasting partnerships through service & support and utilizing the latest technological advances. Quality is fundamental to all operations across the Control Sazan Group.

- **ODCC (Oil Design and Construction Co.) Jan. 2006 – Sep. 2012**

Senior control and instrument engineer for following projects:

- ✓ **HORP Project**
Detail engineering of Hormuz Oil Refinery Project of OOED consortium
(Utility units) as control and instrument senior engineer. (Project defined by NIOEC)
- ✓ **SARP Project**
Detail engineering of ODCC portion of Shazand Arak Refinery Expansion and
Upgrading as control and instrument senior engineer. (Project defined by NIOEC)
- ✓ **Sulfur Recovery Unit**
Detail engineering of Sulfur Recovery Unit of Ilam Gas Treating Plant as
control and instrument lead engineer.
- ✓ **Ardebil New Oil Depot Project**
Detail engineering of Ardebil New Oil Depot Project as control and instrument Lead engineer.
- ✓ **Neka-Rey pipeline Project.**
Detail engineering of Neka-Rey pump station establishment & increasing
Capacity project as control and instrument lead engineer.
 - Providing various instruments documents such as Specification, Data sheet and MR for Pressure, Level and Temperature and Flow instrument.
 - Dealing with vendor clarification in various enquiry packages Such as control system and instrument.
 - Provision of logic diagram and loop wirings.
 - Provision of instrument and PCS/ESD/F&G I/O List.
 - Providing different sketches such as instrument location layout, Cable routings.
 - Providing all kinds of MTO such as instrument MTO, cable and JB and gland MTO.
 - Providing process, electrical and pneumatic Hook ups.

- **Farineh and Farineh Sanat Co. (Oct. 1997 – Jan.2006)**

Senior control and Automation engineer for following projects:

- ✓ **Neka-Rey crude oil pipeline project.**
Detail engineering of Neka-Sari-Golpol-Orim-Moghanak & Rey pump stations
control system (PLC & HMI) for Neka-Rey crude oil pipeline project pipeline
as control and automation lead engineer.
- ✓ **Nouvo Pignone Turbine Control System revamping Project.**
Detail engineering of Nouvo Pignone Turbine Control System (PLC & HMI)
revamping project for pump stations of Ahwaz-Rey crude oil pipeline as
control and automation lead engineer.

✓ Afrineh Trap Station new Control System Project.

Detail engineering of Afrineh Trap Station new Control System (PLC & HMI) project for Tang-e-Fanni Kermanshah Product Pipeline as control and automation lead engineer.

✓ Doroud cement Control System revamping Project.

Detail engineering of Doroud cement Control System (PLC & HMI) revamping project as control and automation engineer.

✓ Gas Turbine Control System revamping Project.

Detail engineering of Kharg Petrochemical 2902 Gas Turbine Control System (PLC & HMI) revamping project as control and automation engineer.

✓ Pipe and profile product line control system project.

Detail engineering of pipe and profile product line control system (PLC & HMI) project for Sepahan Industrial Group as control and automation engineer.

- 9 Providing various control system (PLC & HMI) documents such as alarm list, control room layout, panel layout and HMI graphic display, ...
- Provision of logic diagram and loop diagram.
- Providing circuit diagram and power distribution for control panel.
- Provision of PCS/ESD/F&G I/O List.
- Dealing with vendor clarification in various enquiry packages such as control system and instrument.
- Providing FAT Procedure and FAT Punch List

TRAINING COURSES

- Fundamental of Petroleum Refining in Novin Parsian training institute. Tehran, Iran, summer 2010
- InTools software for instrumentation in Mehrnaz training institute. Tehran, Iran, summer 2008
- Advance PLC Siemens S7 programming in Farineh Sanat Co. Tehran, Iran, autumn 2004
- Advance HMI Siemens WinCC programming in Farineh Sanat Co. Tehran, Iran, autumn 2004
- ePLAN Software for control panel circuit diagram, Tehran, Iran, summer 2004

PROFESSIONAL SKILLS

- Assist in P&ID development by providing instrumentation details and document checking.
- Preparation of instrument technical documentation and technical discussions and document approval from consultant/client.
- Dealing with enquiry package and vendor clarifications.
- Selection of field instruments and valves.

- Conversancy with control system (DCS/PLC/ESD) integration.
- Conversancy with programming PLC S7 Siemens.
- Conversancy with programming WinCC Siemens.
- Acquaintance with fieldbus foundation and HART protocol
- Knowledge, skill and ability to work effectively with others to achieve optimal

Collective results