

Personal Data

Full Name: Masoud Asiyabi

Date of Birth: 21th September 1984 (30th Shahrivar 1363)

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Educations



Sep 2009 – June 2012

M.S. in Executive Master of Business Administration

Islamic Azad University Central Tehran Branch



Sep 2002 – June 2007

B.S. in Electrical Engineering (Instrumentation & Control)

Tabriz University



Sep 1998 – June 2002

Pre-university Diploma, Mathematics and Physics

High School Diploma, Mathematics and Physics

SAMPAD (Shahid Beheshti High School)

Work Experiences



Dec 2023 – Present

Instrumentation & Control Lead Engineer

- I&C Lead engineer of Bandar Abbas Refinery Upgrading Project (utility and offsite units)
- I&C engineer of Bandar Abbas Refinery Upgrading Project (process units)



Oct 2022 – Dec 2023

Instrumentation & Control Lead Engineer

- I&C Lead engineer of Aboozar Offshore Complex Development – A20 & A21 Platforms
- Ilam Gas Treating Plant Phase 2 and Completion of Phase 1, Design and Issuing I&C and F&G documents
- KHT Isfahan, Technical Bid Evaluation, Design Review of Field Instruments



Aug 2012 – Sep 2022

Instrumentation & Control Lead Engineer

- I&C Lead engineer of Umaoya, Darian, Sardasht and Seymareh Hydro Power Plants and rehabilitation of Cooling System of Mobarakeh Steel Company

- Hydro Power plants such as Deralok2, Umaoya, Darian, Sardasht and Seymareh - Technical Bid Evaluation, Design and Design Review of DCS, Field Instruments, Turbine System, Governor System, Main Inlet Valve System, Auxiliary Systems, Ancillary Systems
- Ardakan Solar Power Plant - Technical Bid Evaluation, Design and Design Review of Control System, Field Instruments, Water System
- Karkheh HPP – Renovation of DCS including Design, Technical Bid Evaluation, Procurement Services and Supervisory of Manufacturing and Installation
- Dalahoo CCPP - Technical Bid Evaluation, Design and Design Review of Field Instruments, F&G System, HVAC System, Design and Supervisory of Manufacturing of DCS of BOP of Steam Phase
- South Pars CCPP - Technical Bid Evaluation, Design and Design Review of Field Instruments, F&G System, HVAC System, Auxiliary Cooling System
- South Pars Water Desalination Plant - Technical Bid Evaluation, Design and Design Review of Field Instruments, F&G System, HVAC System
- Bandar Abbas Gas Condensate Refinery - Design and Design Review and Procurement Services of Field Instruments for Process & Utility Units



Dec 2009 - Aug 2012 Instrumentation & Control Engineer

- Combined Cycle Power Plants – Design Review of Fuel Oil System, GPRS, Auxiliary Boiler System, F&G System, Compressed Air System, Water Treatment Plant



Sep 2009 - Dec 2009 Instrumentation & Control Engineer

- I&C engineer of Oxygen Plant of Azarbaijan Steel – Design and Design Review

Qualifications

- Well-versed in concepts and application of various Field Instrumentation, PLC, DCS, ESD, SCADA and F&G Systems
- Experience of I&C design and preparing and issuing I&C documents, extracting required data from project documents, and completing documents of other discipline's in collaborate with members of other engineering disciplines (such as process, electrical, safety, piping)
- Experience of issuing inquiry & purchase requisitions, bid evaluation, vendor documents review, manufacturing document review and preparing all I&C Basic and Detailed Engineering Documents in oil& gas and power plant
- Tracking of project issues and designing catch up plans by reassignment of resources and rescheduling
- Familiar with SIL, Functional Safety and Safety Instrumented System

- Familiar with foreign and Iranian vendors and manufacturers
- Familiar with engineering services for fabrication and installation, pre-commissioning, commissioning and start-up
- Practically exploited relevant international standards such as ISA, API, IPS, IEC, B.S., ISO, EN and NFPA
- Negotiating and coordinating tasks/issues with all disciplines of company, client, suppliers and contractors and attending in technical/contractual meetings
- Performing Instrumentation P&ID amendment/modification; Safety/Relief valve, Flow Element and Control Valve Sizing Calculation
- Preparing Technical & Commercial Proposals, Procurement services, preparing Work Breakdown Structure (WBS) and documents list Estimating man-hours requirement for engineering services
- Check & review of vendor documents and preparation technical bid evaluation
- Technical support solutions for clearing arising problems during Construction, Installation, Commissioning and Operation stages
- FAT and SAT conduct/supervision

COURSES & CERTIFICATES

- PLC/DCS Basics, Adico, Feb 2012
- I&C Documents, Novin Parsian Institute, June 2012
- Field Instrumentation (Theory & Design), Novin Parsian Institute, June 2012
- Siemens PLC1 & 2, Novin Parsian Institute, Oct& Nov 2012
- Claim Management, Novin Parsian Institute, Nov 2012
- Control valves & Safety Valves, Farab, Feb 2015
- HAZOP Study and Safety Integrity Level, Farab, May 2015
- Siemens Teleperm XP, Farab, July& Aug 2015
- Aveva P&ID – Instrument, Farab, Feb& Mar 2016
- F&G System, WikiFire, Sep& Aug 2017
- PDMS, Novin Parsian Institute, Aug 2023

SKILLS

- Windows & Networking
- Microsoft Office (Word, Excel, PowerPoint, Outlook...)
- AutoCAD
- FIRSTVUE (Fisher)
- CONVAL
- VALVESTAR (Lesser)
- SIMATIC PCS 7, SIMATIC WinCC, TIA Portal
- AVEVA Instrumentation
- PDMS