Mohammad Esmailpour M.Eng

Mechanical Engineer & Quality Control
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SUMMARY OF QUALIFICATION

A results-oriented and self-motivated leader, I bring over **22** years of proven experience overseeing the creation and implementation of process improvements and services in oil, Gas, Petrochemical Design, supply and manufacturing equipment.

SKILLS

- Work with standards ASME/API/BS/ASTM/IPS/IGS.
- Design, manufacturing and supply.
- High and low pressure Hydraulic system.
- High and low pressure Pneumatic system.
- Quality Control.
- Vendor Evaluation.
- PV Elite.
- Auto Cad.
- Pipe Data PRO.
- VT (Visual Testing) in welding process.
- Product Testing.
- Microsoft Office (Word/Excel/Visio/PowerPoint).
- Provide written and oral documentation of job status.
- Work under pressure and respond to demands of a high and varied workload.
- Communicate with client/client's representatives.

ENGINEERING & MANAGEMENT EXPERIENCE

Toos Hengam Engineering Company (THECO) **Nov 2021 – Present**
Mechanical Engineer & Quality Control
Field of activity: Design, manufacturing and supply equipment for pressure reducing/metering gas station, chemical injection package, wellhead control panel, welding and fabrication.www.theco.co.ir

- Design, manufacturing and supply equipment for:
  - Pressure reducing gas station (flat and cabinet type).
  - Pressure metering gas station (flat and cabinet type).
  - Chemical injection package (Toxic and non-toxic liquid, methanol/corrosion inhibitor /asphalt etc).
  - Odorant package (injection Toxic and non-toxic liquid).
  - Wellhead control panel (electrical, pneumatic and Hydraulic type).

- Taking F.A.T (Factory Acceptance Test).
- Taking S.A.T (Site Acceptance Test).
- Work with standards ASME/API/BS/ASTM/IPS/IGS.

ABIN **Sep 2020 - Nov 2021**

Project Manager at "Neyriz Ghadir Steel Complex" of Industrial wastewater treatment

Field of activity: Water/Waste Water Treatment equipment. www.abin-co.com

- Prepared detailed inspection test plan (ITP).
- Managed and provide leadership to quality Team.
- Released NDT Reports (PT, VT) to customers.
- Managed Quality staff, including Quality engineers and inspectors.
- Trained inspectors and Quality staff for the new project requirements and regulations.

Toos Hengam Engineering Company (THECO) **July 2019 – Sep 2020**

Senior Mechanics Engineering

Field of activity: pressure reducing/metering gas station, chemical injection package, wellhead control panel, welding and fabrication.www.theco.co.ir

- Design, manufacturing and supply equipment for:
  - Pressure reducing gas station (flat and cabinet type).
  - Pressure metering gas station (flat and cabinet type).
  - Chemical injection package (Toxic and non-toxic liquid,methanol/corrosion inhibitor/asphalt etc).
  - Odorant package (injection Toxic and non-toxic liquid).

- Taking F.A.T (Factory Acceptance Test).
- Taking S.A.T (Site Acceptance Test).
- Work with standards ASME/API/BS/ASTM/IPS/IGS.

Toossab Consulting Engineers Company **June 2011 - July 2019**

Senior Mechanics Engineering

Field of activity: Providing consulting services and preparing tender documents and checking the qualification of tender participants.www.toossab.net

- Released Data sheet for equipment.
- Monitoring the performance of contractors.
- Preparing tender documents domestically and internationally, especially in PC, EPC & BOT types of contracts.
- Vendor Evaluation.

kardananeshargh (KSC) **Nov 2004 - June 2011**

Designer and Mechanical Engineer

Field of activity: Design, manufacturing and supply equipment for chemical injection package (CIP), wellhead control panel (WHCP), welding and fabrication.www.kardanan.co

- Design, manufacturing and supply equipment for
  - Chemical injection package (Toxic and non-toxic liquid,methanol/corrosion inhibitor/asphalt etc).
  - Odorant package (injection Toxic and non-toxic liquid).
  - Well head control panel (electrical, pneumatic and Hydraulic type).
  - Hydraulic system.

- Preparing techno-commercial proposal in compliance with the client`s requirement and technical specifications.
- Taking F.A.T (Factory Acceptance Test).
- Taking S.A.T (Site Acceptance Test).
- Prepare final & as build document.
- Work with standards ASME/API/BS/ASTM/IPS/IGS.

J.V Group (TOTAL, Petrofac, Jahanpar) **Jan 2003 - Nov 2004**
Piping Expert
Field of activity: Providing consulting services/Piping. www.jahanpars.com

- Checking raw material according to design specifications
- Monitoring the performance of contractors.
- Review of Data sheet for equipment.
- Taking S.A.T (Site Acceptance Test).
- Prepare final & as build document.

ADDITIONAL RELEVANT EXPRINCE

International Management & Fit for Partnership with Germany (GIZ) Aug 2021

Registered Mechanical Installation Supervisor Oct 2010– Present

EDUCATION

Islamic Azad University, Mashhad Branch, Iran Graduated 2001
Bachelor's degree, Mechanical engineering

PROFESSIONAL DEVELOPMENT SUMMARY

- Visual inspection VT(Visual Test) 2022
- Solid Works 2004