

Contact

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Top Skills

Engineering
Piping
Project Management

Certifications

Occupation Specific Language
Training for Technology
AutoCAD 2D
Certified CNG Inspection
Certificate in Material selection and
key steel course
Piping Course

Sanaz Zamani, B.Eng

Project Engineer
Toronto, Ontario, Canada

Summary

With a bachelor's degree in Mechanical Engineering and having more than 8 years of experience as a piping project engineer in the oil and gas and water and wastewater industries, I have been working on supplying the required equipment for several projects, Highly Skilled at coordinating, Good working experience of using International design standards like API, ASME and ASTM, Managing of procurement packages with Good Knowledge and familiar with all type of valves and pipeline equipment. As a detailed-oriented, highly adaptable, self-motivated team player, I would be delighted to review all potential opportunities.

Experience

KSB Pumps Inc. (Canada)
Engineering Project Coordinator
May 2022 - November 2023 (1 year 7 months)
Mississauga, Ontario, Canada

- Reviewed project requirements against handover documents to ensure accuracy and alignment with the scope of work and client request
- Prepared and submitted Shop-Drawing packages based on the scope of supply and engineering design in order to get the client's approval
- Implemented SAP software to issue purchase orders for the project equipment
- Managed the procurement process and communicated effectively with KSB's factories and vendors to monitor and oversee the production plan
- Monitored project timelines, identifying, and mitigating potential risks to ensure on-time delivery and handled project schedules pro-actively
- Provided regular updates to clients regarding changes and deviations to projects
- Coordinated the shipment of procurement package to deliver to the Jobsite

- Collaborate with the KSB Canada's in-house shop for additional required work based on the contract and approved Shop-Drawing
- Assured comprehensive control over project documents

Napier-Reid Ltd.

Project Coordinator

October 2017 - April 2020 (2 years 7 months)

Markham, Ontario, Canada

- Assisted engineering team in designing of water & wastewater products and prepare technical drawings
- Drafted submission drawings for proposal based on project specification and P&ID
- Created fabrication drawings based on client's approval and project specification
- Prepared P&ID drawings based on the process design
- Ordered equipment and products from catalogs based on project's requirement
- Attended to the inspection of products during the manufacturing process to ensure compliance with design drawings and specifications
- Collected the vendor data books and Installation, Operation and Maintenance Manual (O&M)
- Researched and developed of engineering projects
- Represented company at various international exhibitions/trade fairs for industries

TosehTejarat Petro Omid Kish Company

Piping Project Engineer / Expeditor

2015 - 2016 (1 year)

Tehran Province, Iran

- Coordinated the procurement packages of piping equipment
- Communicated with vendors & clarification with manufacturers
- Verified technical documents of goods based on piping material specification and material standards
- Checked the packing list of equipment (valves, pipes and fittings) and approved the release note of goods
- Reviewed technical offers and prepared Technical Bid Evaluations (TBE)
- Collected the vendor data book

Prosysco Ltd.

Process Procurement Technologist

July 2015 - September 2015 (3 months)

Mississauga, Ontario, Canada

- Estimated Material Take off of projects based on P&ID
- Prepared Technical and commercial offer based on client's request
- Technical and commercial Correspondences with manufacturers
- Prepared the roughness reports through doing the test on the surface of piping material
- Verified mill test certificates
- Prepared the vendor data book

University of Toronto

Research Assistant

December 2014 - June 2015 (7 months)

Studying Surface Properties of Plastics Films used in Fuel Cell after Plasma Treatment in Mechanical and Industrial Engineering Department, University of Toronto:

- Measuring physical, chemical, and thermal properties of adhesive and plastic films
- Evaluating changes in surface properties of plastic films before and after plasma treatment
- Using MATLAB to Calculate the contact angles of water and adhesive droplets on plastic film in order to determine the efficacy of plasma treatment in time
- Participating in the periodical meetings to report the research results to the industry partner
- Analyzing and processing data to prepare technical reports

TTPO

Piping Project Expeditor

September 2012 - September 2014 (2 years 1 month)

Genaveh 10 Million BBL Crude Oil Storage Tanks project:

- Identified potential manufacturers and conducted technical assessment
- Verified technical documents of goods based on material , fabrication standards and

Checking material take-off and datasheet for Valves , Pipes , Fittings, and Flanges

- Completed verification of the drawings of equipment (valves pipes and fitting) and inspected test plan (ITP)
- Reviewed technical offers and prepared Technical Bid Evaluations (TBE)
- Prepared and verified Technical Clarification of required material of project based on vendor's offer
- Technical Correspondences with manufacturers

PEIC (Petroleum Equipment Industry Company)

Piping Project Engineer

March 2010 - September 2012 (2 years 7 months)

Iran

- Checked Material Take off of projects
- Reviewed materials requisition and project specification
- Prepared comprehensive technical proposal
- Efficiently ensured technical verification of contracts
- Verified mill test certificates and drawing of parts
- Inspection of raw material
- Represented company at various international exhibitions/trade fairs for Oil, Gas and Petrochemical industries

Yeganeh Sazan Design & Engineering Company

Technical Expert

December 2005 - March 2010 (4 years 4 months)

Iran

- Prepared technical offers based on client's request
- Reviewed technical description of equipment (CNG Cylinder, CNG Kit) and procurement packages
- Followed-up of procurement packages and approval of vendor documentation
- Effectively coordinated between commercial & technical departments for achieving the goals in time
- Observed test of cylinders and performed verification of the test
- Process primary data and prepared technical reports

Education

University of Mazandaran

Bachelor's degree, Mechanical Engineering · (2005)