

Process Engineer

Bluestar Engineering Ltd. is a Calgary based EPCM company specializing in small to medium size oil and gas projects. We are a group of professionals who form a fully integrated, multi-disciplinary organization backed by many years of experience.

We are currently seeking a Process Engineer to join our team.

Duties and Responsibilities:

- Work will range from conceptual studies through detailed engineeringComplete detailed engineering design activities including, but not limited to:
 - Modeling, simulations and calculations of process units and process systems.
 - HAZOP meeting participation.
 - Control narratives.
- Prepare and review of process engineering project deliverables including, but not limited to:
 - PFD's, P&ID's and Shutdown Keys.
 - Control valves, PSV and instrument data sheets.
 - Sizing calculations of equipment, piping, safety and control instruments, and data sheets.
- Coordinate with other engineering disciplines, vendors and client.
- Be heavily involved in PRE-FEED and FEED stages of projects.
- Assist in technical bid evaluations.
- Active involvement in problem solving and decision making in regard to process engineering and advising the project management teams accordingly.
- Execute and review Feasibility Studies / Conceptual Design / Process Studies/ Detail Engineering Design.
- Supervise and verify process simulations & modeling of oil processing facilities.
- Liaise with vendors and client on engineering issues.

Requirements:

- Chemical Engineering degree is required.
- Registered as a P.Eng. with APEGA.
- 10+ years of experience in process engineering with involvement in design, construction and project management pertaining to the oil and gas industry.
- EPCM experience is preferred.

- Experience with PFDs, P&IDs and HAZOPs.
- Deep working knowledge of HYSYS.
- Experienced in both greenfield and brownfield projects.
- Experience ensuring project designs are compliant with project goals, client and industry specifications and regulatory standards.
- Experience participating in Design Basis Memorandum (DBM) development.
- Driven individual with the capacity to manage several tasks, while ensuring deadlines are met.
- History of fostering positive client relationships built on mutual trust and respect.
- Proficient in Adobe Reader, PDFSam, AutoDesk Navisworks Freedom, AutoDesk DWG Viewer, Microsoft Office, DWSIM, and PIPESIM.

Please be advised that Bluestar Engineering Ltd. is an equal opportunity employer and only applicants who are selected, will be contacted to schedule an interview.