



Overview

GT Solar Incorporated is currently seeking a Sr. Process Engineer. This person will utilize process engineering and other technical expertise to evaluate, design and implement projects which support both new and existing production facilities. Work can range from grassroots process design to optimization and debottlenecking to troubleshooting and support of existing customer facilities. The candidate will provide technical support and training to GT Solar's internal and external customers. International travel will be required for this role.

Key Duties & Responsibilities

- Designs and implements basic engineering projects: process development, process design.
- Supports operational consistency in production by implementing process improvements and process optimization projects.
- Provides plant support and troubleshooting, as directed.
- Must have strong written communication skills, knowledge of Microsoft Word, Access, and Excel programs, and ability to write in user friendly terms and specific details.
- Experience with continuous process design involving distillation, extraction, reactors, heat exchangers, boilers, compressors, etc.
- Must be able to assist in the creation and maintain complex documentation sets, involving highly technical material, for training purposes under limited supervision.
- Help to identify and implement standards and process improvements.
- Perform simultaneous task and project coordination for multiple projects.
- Knowledge of all aspects of capital projects, project management and planning skills
- Work with editors and technical resources to improve training processes and procedures.
- Must be able to work independently with limited supervision.

Significant Experience with the following:

- Conceptual Design and alternative analysis
- Process simulation
- Preliminary plot plan development
- Sizing, rating, and specification of equipment
- PFD development
- P&ID development
- Utility summary preparation
- Mass and heat balances

Competencies

- Integrity
- Decision making skills
- Action Orientation / Initiative
- Communication Skills (Presentation & Written)
- Organization Skills
- Strategic Agility & Planning
- Business Acumen
- Creativity
- Approachability & Internal Customer Focus

Requirements

- Bachelors Degree or higher in Chemical Engineering
- Experience doing process design work based on fundamental principles.
- Modeling Software experience with Pro II, HYSIS, Chemcad, or Aspen.
- Experience in process design, and process optimization.
- Project management skills.
- Well-developed interpersonal and communication skills, and ability to manage conflict in a stressful environment.
- Strong communication skills across multi-lingual lines.
- Excellent analytical, organizational, planning and problem-solving/troubleshooting skills.
- Direct production support and startup experience is a strong plus.
- Comfortable in a manufacturing environment.
- Minimum of 5 years of applicable experience in an engineering or manufacturing environment.

LOCATION – Missoula, MT

Please forward your current resume or CV to recruitingMT@gtsolar.com

GT Solar Incorporated is an equal opportunity employer.