



Title: Process Engineer
Location: Lansing, Michigan, United States
Function: Project Delivery
Details: Full-time, Permanent

EDL owns and operates a global portfolio of power stations in Australia, North America and Europe. Our vision is to be the leading global producer of sustainable distributed energy. At EDL, we are playing a key role in the world's transition from traditional energy sources to decarbonised solutions.

Reporting to the Manager of Project Delivery, the Process Engineer is responsible for delivering efficient process engineering solutions to support project delivery in a timely manner. The role provides process engineering advice on the feasibility and high-level process design for future projects and business activities. Projects will primarily be in support for the conversion of facilities from renewable electricity production to the production of renewable natural gas (RNG). The position will involve a combination of office and field work in support of the design, construction, commissioning, and operations of RNG projects.

Key Responsibilities

- Technical support and prompt closure of issues requiring process engineering consultation
- Process engineering designs and execution – on time, to budget, to standard
- Health, safety and environmental compliance – personally and of works delivered
- Planned engineering activity and projects delivery (on time, to budget, to standard)
- Prepare technical specifications, datasheets and calculations for process plant and equipment
- Specify/select appropriate equipment for use in an installation
- Check, review and develop engineering designs, estimates, proposals, standards, and operational guides with other disciplines for operations and projects
- Provide cost-effective solutions that minimise risk and maximise safety to operators and plant
- Act as a technical consultant to all departments within the organization
- Liaise with and provide efficient and timely support with any process issues that arise
- Review high level designs and estimates of process engineering activities associated with future project proposals
- Provide supervisory and technical assistance for any onsite commissioning work
- Support to the environmental permitting, operational licensing, development applications and statutory approvals for each site
- Participate in and facilitate HAZOPS as required for engineering services projects
- Support and comply with company policies and procedures as advised and documented in the company's employment policies as amended from time to time and as directed by managers/supervisors
- Assist with the development and delivery of safe work instructions (SWI's) and operational training where required
- Work closely with technical development teams and other organizational disciplines to develop engineering designs, standards and guides for operational and project-based work in the following areas:
 - Renewable Natural Gas generation and processing
 - Landfill Gas Power generation
 - Diesel and gas fuel power generation
 - Piping systems and pipelines
 - Other technologies and activities as developed by the Company

Qualifications and Experience

- Formal engineering qualifications at engineering degree level (prefer chemical or mechanical engineering)
- Professional Engineering licensure preferred but not required
- Minimum of 10 years of experience
- Experience in Renewable Energy, Natural Gas and gas processing industries
- Ability to work on multiple projects simultaneously
- Additional experience in power generation, reciprocating gas and diesel engines, gas turbine, steam boiler/turbines, pressure vessels and associated plant and equipment is valuable

EDL is committed to creating a diverse and inclusive environment and is proud to be an equal opportunity employer.



To apply, please send your current resume and professional cover letter (maximum one page) to employment@edlenergy.com, referencing the title of this role.

Applications close on Friday, 5 March 2021.