

Position Description

Title: Electrical Engineer
Reporting To: Manager, Engineering Design
Division: Electric & Controls
Location: Calgary, Alberta

Tarpon is searching for Electrical Engineer to join our Engineering team in Calgary, Alberta. The Electrical Engineer is primarily responsible to work with the Engineering group to design and develop electrical systems and/or components for Tarpon's oil & gas, mining and modular clients.

Duties and Responsibilities

- Performs power system calculations including load flow, short circuit, voltage profile and motor starting calculations.
- Performs single and three line diagrams, control systems, electrical equipment insulation coordination and sizing; including transformer, switchgear, motor control center, circuit breaker, power plant electrical auxiliary equipment sizing and design, generator/transformer neutral grounding, as well as plant grounding and lightning protection calculations, design and engineering.
- Performs equipment specification and design review, plus support field operations on installation and commissioning.
- Proposes modifications and retesting if required.
- Plans and manages electrical projects for the Engineering group.
- Provides technical assistance and recommendations for proper operations and design of electrical installations.
- Prepares documentation and drawing packages required for the construction of oil and gas, mining and modular facilities.
- Discusses reviews and interprets plans and specifications.
- Reviews documents and reconciles discrepancies; makes needed adjustments.
- Coordinates and/or acts as a liaison between agencies, clients, work units, suppliers etc.
- Coordinates the activities or tasks of team members and provides assistance and mentorship to a team of electrical designers and CAD operators.
- Works with management to implement effective and productive task methods/procedures.
- Prepares ARC Flash and Fugitive Emissions Studies.
- Ensures compliance with applicable federal, provincial and local regulations and standards.
- Keeps informed on new related technologies and methods.
- Complies with standards and procedures of Tarpon's Health & Safety Manual and Occupational Health & Safety Regulations.

Skills, Abilities and Educational Background

- Bachelor of Sciences Degree majoring in Electrical Engineering with eligibility for registration with APEGGA.
- Minimum of 5 years experience within oil and gas industry.
- Familiarity with international and local standards IEC, CEC, ANSI, IEEE codes & CSA.

Position Description

- Progressive design and site experience in one or more of the following areas: HV substation design, MV and LV distribution system design, large industrial plant electrical systems.
- Ability to read design specifications and technical drawings.
- Project planning and cost estimating experience.
- Report preparation experience.
- Ability to estimate sizes, distances, quantities, and determine time, costs, resources and/or materials for electrical installations.
- Ability to take initiative, set priorities and produce an industry standard electrical drawing package efficiently.
- Exceptional time-management skills; ability to prioritize and execute multiple tasks quickly.
- Field experience in the oil and gas industries would be an asset; but not necessarily a requirement.
- Experience with Fugitive Emission study required.
- E-tap experience would be an asset.
- Strong MS Office skills (Word, Excel, PowerPoint & Outlook).
- Ability to deal with people in a manner which shows tact and professionalism.
- Ability to communicate information and ideas clearly and concisely verbally and in writing; read and understand information presented in writing.

Must have own transportation as location is not accessible by public transportation.

Compensation

Tarpon offers a very attractive compensation package that includes a competitive salary, a full benefits plan that is effective on the first day of employment and a matching RRSP program. Tarpon has an open and team-oriented culture that focuses on communication, integrity, innovation and respect. Employees take pride in their work and are the single most important reason why Tarpon offers superior customer service.

To Apply

To apply for this posting, e-mail your resume and cover letter to careers@tarponenergy.com. You can also apply by faxing or mailing your resume and cover letter (stating position title) to: Tarpon Energy Services Ltd., 7020 – 81 Street SE, Calgary, AB T2C 5B8; Fax: 403-265-5825.