



POSTING POSITION: Power Systems Engineer

LOCATION: 2163 Northdale Blvd. NW, Coon Rapids, MN 55433

REPORTS TO: Operations Director

WHO WE ARE:

IBS is a small company with a nationwide reach. We describe ourselves as being weird in an exceptionally good way because we care about doing the right thing for our customers and finding a way to get things done where other companies don't or won't. "We love spending our customer's money, but we hate wasting it." And the "weird" part is, we mean it.

IBS is a nationally recognized specialized general contractor in electrical, fire, and HVAC systems. We provide a life cycle of services including consulting, engineering, construction, commissioning, maintenance, and training throughout North America.

IBS runs on EOS purely. That means as a member of this team, you will have a leader who:

- Gives clear directions
- Makes sure you have the necessary tools
- Acts with the greater good in mind
- Delegates appropriately
- Takes time to truly understand your role and how you can help the company
- Makes their expectations clear
- has effective meetings
- At a minimum, meets one-on-one with you quarterly
- Rewards and recognizes your performance

ABOUT THIS ROLE:

As an EOS "Traction" company (**Right Person/Right Seat**) the successful candidate is a fully competent engineer with functional knowledge and in-depth experience in arc flash hazard analysis.

Specific responsibilities include:

- Perform short circuit analysis to provide basis for and verify cable and equipment short circuit ratings
- Perform AC arc flash studies to assess and document arc flash risk as required by pertinent codes and customer specifications, and provide labels as applicable
- Perform selective coordination analysis and provide written recommendations
- Ensure power study findings and recommendations meet or exceed scope requirements
- Annual budgeting, project estimating, and customer satisfaction
- Determine resources (labor, equipment, and materials) from project start to finish
- Travel - overnight travel approximately 20% of the time (10 weeks/yr); travel as the job requires
- Plan to ensure deadlines are met and within budget
- Ensure accuracy and consistency; maintain, meet, or exceed IEEE and NFPA 70E standards/codes

This role will be accountable for quarterly and annual goals which can pay significant incentive pay:

- Recognized Gross Profit %
- Training & Development
- In-person Customer Interactions

ABOUT YOU (RIGHT PERSON):

You are the right person in the right seat if you have demonstrated skills that reflect our core values: We **CARE**, We **LISTEN**, We **ANTICIPATE**, We **INNOVATE**, and We **DO**. You bring over five (5) years of experience working for an electrical design firm or design build electrical contractor. You have thorough knowledge of the NEC, IEEE, NFPA 70E, and electrical engineering theory as applicable to arc flash hazard analysis. You can produce accurate and final arc flash reports and are experienced with the following software applications:

- SKM Power Tools (or equivalent power system analysis software)
- AutoCAD
- Bluebeam
- Microsoft Office Applications (advanced proficiency)

You possess meticulous work habits including close attention to detail, time management, people skills, problem-solving skills, exceptional organizational skills, ability to effectively communicate and present technical information verbally and in writing via Microsoft Office applications (mainly Excel, Word, and PowerPoint).

MINIMUM QUALIFICATIONS: *Any combination of education and experience that would likely provide the required knowledge, skills, and abilities is qualifying.*

Education: B.S. in Electrical Engineering with Power Concentration (or equivalent) required.

Experience: Minimum five (5) years working for an electrical design firm or design build electrical contractor. Arc Flash Analysis required.

Licensing: Professional Engineer (P.E.) required.

WORK ENVIRONMENT & PHYSICAL ABILITIES:

- This position primarily operates in a professional office environment using standard office equipment including but not limited to computers, phones, filing cabinets, and photocopiers
- Employees are frequently required to sit and occasionally required to kneel, reach, stoop, crouch, or crawl
- This position requires the ability to lift files, open file cabinets, and bend or stand as necessary
- This position may occasionally lift up to 50 pounds
- This position also operates in a commercial/industrial construction setting; exposure to moving mechanical parts, vibration, and noise; this position requires the use of PPE such as eye protection, steel toe shoes, hard hat, ear protection, visibility vest, and other safety equipment required for the execution of various project specific tasks
- Physical ability to: climb ladders, bend, and stoop

IBS is an equal opportunity employer and affords equal opportunity to all employees for all positions without regard to race, color, religion, gender, national origin, age, disability, veteran status or any other status protected under local, state, or federal laws.