



## Electrical Engineer

Bi-Con Engineering (BCE), located near Cambridge, Ohio, is an Engineering firm within the Natural Gas Industry providing complete engineering and design solutions. BCE is currently seeking an **Electrical Engineer**. The successful candidate will be responsible for producing safe, technically accurate and cost effective electrical designs and deliverables for natural gas facilities.

Primary duties include:

- Responsible for discipline management of the project scope of work, budget and schedule, communication or scope changes, coordinating and exchanging technical information with other project disciplines.
- Load calculations
- Equipment Specifications and Layout
- Power System Design including 480V distribution, lighting, heat trace, grounding, lightning protection, etc.
- Equipment Layout and facility design with other engineering disciplines.
- Coordinating and exchanging technical information with gas companies, inter-company divisions, architects, owners, vendors and other third parties.
- Preparing and reviewing design drawings, documents, material, equipment specifications and engineering studies and developing and maintaining electrical one line diagrams, control schematics, equipment specifications and electrical plan and elevation drawings.

A Bachelor of Science degree in electrical engineering (ABET-accredited) and 3+ years' experience is required. Successful completion of the Fundamentals of Engineering exam and experience in the natural gas industry or related industries is preferred. The position requires understanding of the NEC, IEEE and other related standards. A working knowledge of Hazardous Area classification using API and AGA standards preferred. Working knowledge of 3D, AutoCad, Cadworx, and SKM software. Proficient use of Acrobat and Microsoft Office Suite required. Good communication and analytical skills are also required.

Bi-Con Engineering offers a competitive wage and benefits package.

Applicants should email resumes to:

[employment@bi-conservices.com](mailto:employment@bi-conservices.com)

or submit your resume online:

[www.bi-conengineering.com](http://www.bi-conengineering.com)

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