



POSITION:

Basic Systems, Inc., an engineering firm specializing in design and procurement for natural gas compression facilities, has an opening for a **Mechanical Engineer II**.

POSITION DESCRIPTION:

Performs assignments requiring application of standard techniques, procedures, and criteria in carrying out a sequence of related engineering tasks. Limited exercise of judgment is required on details of work and in making preliminary selections and adaptations of engineering alternatives.

REPORTS TO:

Project Manager/Sr. Project Manager/Supervising Engineer

AUTHORITY/SUPERVISORY RESPONSIBILITIES:

May supervise Drafters, Designers, or Technicians as assigned by Sr. Project Manager or Project Manager.

RELATIONSHIP TO OTHERS:

Interacts with Project Managers, clients, vendors, Designers, Drafters, and other engineering disciplines.

EXPERIENCE/EDUCATION GUIDELINES:

Bachelor's Degree in Engineering w/EIT or minimum of two (2) years engineering experience in the mechanical discipline.

RESPONSIBILITIES:

- Using prescribed methods, performs specific and limited portions of a broader assignment of an experienced engineer. Applies standard practices and techniques in specific situations, adjusts and correlates data, recognizes discrepancies in results, and follows operations through a series of related detailed steps or processes.
- Conducting all business activities with customers and employees in an honest and ethical manner and within the guidelines of company policies, procedures and practices.
- Maintain technical skills and proficiency as necessary to meet the technical and quality requirements of the project assignments.
- Overall responsibility for maintaining the quality of the work product including checking of work delegated by the incumbent.



- Complete project design assignments as directed by the Project Manager.
- Assist the Project Manager in the technical, administrative, budgetary, and schedule implementation of assigned projects.
- Assist in generating and maintaining project schedules.
- Coordinate with other Engineers, Designers, and Drafters in completing project assignments.
- Communicate with clients concerning project business.
- Travel domestically as required to meet with clients and to visit job sites to insure successful project implementation.
- Assist the Project Manager in keeping project costs within budget.
- Report to management on project, budget and schedule status.
- Prepare estimates for proposed projects.
- Assist with presentations to existing or future clients which would aid in obtaining future business.
- Prepare reports and offering other assistance as required to support management in strategic planning for the company.
- Other duties and responsibilities as directed.

SUMMARY OF MAJOR DUITES:

Responsible for timely and accurate completion of engineering tasks assigned by the Project Manager or Sr. Project Manager.

This position requires that the incumbent be familiar with and able to use Microsoft Project, Microsoft Word, and Excel and design software specific to their task assignments.

The position is in our Cambridge, Ohio office. The employee is required to travel domestically for project meetings at client offices and project sites. These project sites are usually active construction sites or active industrial facilities handling hazardous material.

PERSONAL QUALITIES:

Ability to interact successfully with all levels of staff, clients and vendors. Able to work in a collaborative process. Able to plan, organize and implement with successful and timely results. Open to change; receptive to new ideas and concepts.



LANGUAGE SKILLS:

Ability to read and evaluate shop drawings and product submittals. Ability to write specialized reports and routine correspondence. Ability to speak effectively before groups of customers or employees of organization. Ability to understand and follow safety instructions.

MATHEMATICAL SKILLS:

Ability to apply advanced mathematical concepts such as exponents, logarithms, quadratic equations, and permutations. Ability to apply mathematical operations to the discipline specific tasks, such as foundation and structural design for civil engineers, piping and mechanical systems for mechanical engineers and power distribution, motor control and system automation for electrical and controls engineers.

REASONING SKILLS:

Ability to define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret and extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables. Ability to apply discipline specific basic engineering concepts to assigned tasks.

CONTACT INFORMATION:

Please mail resume to 9255 Cadiz Road, Cambridge, Ohio 43725 or email your resume to hr@bsicos.com and be sure to reference: **MECHANICAL ENGINEER II**