



## JOB SUMMARY

### COMPANY

Kyko Engineering

### LOCATION

Mankato, MN

### INDUSTRIES

Engineering Consultants

### JOB TYPE

Full Time

### Years of Experience

5+ Years

### EDUCATION LEVEL

Associate Degree

### CAREER LEVEL

Experienced (Project Manager)

Project Designer, Mechanical and/or Electrical Engineering

### ABOUT THE JOB

Kyko Engineering is seeking a Mechanical and/or Electrical Project Designer with demonstrated experience. Under the direction of the Project Engineer, this individual will handle the onsite evaluation, design, drafting, and modeling of plumbing, HVAC and/or electrical systems in AutoCAD and MEP Revit. This is an amazing opportunity for the right career-minded individual to gain diverse experience working with a wide variety of commercial projects.

### JOB RESPONSIBILITIES:

- Strong command of design and modeling with AutoCAD and MEP Revit, and Building Information Modeling.
- Thorough working knowledge of plumbing, HVAC and/or electrical systems.
- 2+ years of experience using MEP Revit.
- 5+ years of plumbing, HVAC, and/or electrical system design. Mechanical and/or electrical code knowledge, including but not limited to, Plumbing, Mechanical, National Electrical, Fire Alarm, and Fire Safety Codes, etc.
- Provide assistance in engineering services with accuracy, on time and under budget.
- Demonstrated experience being able to work through challenges and come up with practical solutions.
- Demonstrated experience in field evaluating the existing plumbing, HVAC and/or electrical systems and ability to determine and record necessary information in order to design renovation projects.



- Preferred knowledge for Plumbing and HVAC Designer:
  - a.Plumbing pipe sizing
  - b.Medical gas piping knowledge is a plus.
  - c.Plumbing isometrics.
  - d.Cooling and heating load calculations.
  - e.Air side HVAC design.
  - f.Water side HVAC design.
  - g.HVAC controls knowledge is a plus.
- Preferred knowledge for Electrical Designer:
  - a.Power and lighting wiring.
  - b.Equipment power and receptacle design.
  - c.Service entrance design.
  - d.Demand load calculations.
  - e.Distribution panel and branch panel design.
  - f.Lighting selections and schedules.
  - gAutomatic lighting control design.
  - h.Fire alarm system knowledge is a plus.
- Utilize effective communication skills to answer inquiries from coworkers, clients, or the public.
- Attend internal and external meetings.
- Provide all engineering services in a legal and ethical manner.
- From time to time, may serve as onsite project representative. Reviews construction site to monitor progress and other duties per the contract documents.
- Effectively deal with difficult situations and confrontation both internally and externally with contractors and clients.
- Must project a professional, positive attitude and exercise confidentiality.
- Work effectively both independently and as a team member.
- Some travel will be necessary; may work overtime, when approaching deadlines.

Benefits Offered:

- Excellent Health & Dental Insurance
- 401(k) Plan
- Flexible Spending Account
- Generous Vacation & Sick Time Policy
- Opportunities for Flexible Work Schedules

Please visit our website, [www.kykoengineering.com](http://www.kykoengineering.com) for more information.