

# POSITION DESCRIPTION

Mechanical Designer

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The logo for KFI ENGINEERS is centered in the bottom right quadrant of the page. It consists of a large white circle. Inside the circle, the letters "KFI" are written in a large, bold, white sans-serif font. Below "KFI", the word "ENGINEERS" is written in a smaller, bold, white sans-serif font.

**KFI**  
**ENGINEERS**

## POSITION SPECIFICATION

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<b>Position</b>	Mechanical Designer
<b>Organization</b>	KFI Engineers (KFI)
<b>Location</b>	St. Paul, MN
<b>Reporting Relationship</b>	Senior Project Manager, Commercial
<b>Website</b>	<a href="http://www.kfiengineers.com/">http://www.kfiengineers.com/</a>

## COMPANY BACKGROUND

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KFI is a recognized industry leader in process and facility infrastructure design and performance. We serve clients in the United States, Canada and Central America and have capabilities not commonly found in traditional engineering firms, including our commissioning work and our ability to drive projects of all sizes.

KFI was established in 1996 to make a difference in the way infrastructure and processing projects are delivered. We employ a highly trained staff of engineers, technicians and managers who execute projects with the same care and creativity we would expect if we were the client. We are located in Minnesota, Wisconsin, Iowa, and North Dakota with a team of 100 professionals.

## POSITION OVERVIEW

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The Mechanical Designer - Commercial plays a key role in the successful execution of projects, focusing primarily on the production of Revit and AutoCAD drawings. Reporting to a Senior Project Manager, the Mechanical Designer is responsible for designing complete building systems, producing quality construction documents and coordinating design work with other engineering disciplines.

## KEY RESPONSIBILITIES

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- Layout and design complete systems of assigned projects, including plumbing, hydronic and HVAC
- P&ID preparation
- Prepares design documents, including setting up drawings for plans, isometrics, details and schedules
- Effectively estimate hours and scope of work, thereby contributing to the creation of budgets and project schedules
- Coordinate project design with other disciplines
- Perform accurate design calculations and measurements
- Conducts construction observations and prepares punch lists as assigned
- Serves as a CAD, Revit and design resource to others and may provide training when assigned

## KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

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- AAS Degree in Design/Drafting
- Experience drafting for one or more of the following:
  - Commercial office buildings
  - K-12 schools
  - Hospitals and other healthcare facilities
  - Retail buildings
  - Maintenance facilities
- Expertise in both Revit and AutoCAD is required
- Field/construction experience is not required, but is desirable
- Proactive and flexible
- Learns quickly, rapidly assimilating new information
- Ability to travel for occasional overnight trips and day travel
- Physically fit for a combination of desk work and field visits

## EDUCATION

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Five plus (5+) years design experience in an engineering consulting and/or construction capacity is required.

## KFI ENGINEERS CONTACT

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