



Example of Structural Designer Job Description

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Our growing company is searching for experienced candidates for the position of structural designer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for structural designer

- Creates 3-D models, depicts relationship of component and parts
- Prepares Bills of Material and specifications
- Analyzing the effect of proposed changes for proper fit and/or interference problems
- May propose possible solutions or alternate construction to engineer
- May mentor less experienced Designers
- Meets any and all deadlines as required by project schedule
- Site visits to collect field information
- Generating structural plans with minimal direction
- Generating structural details for engineers to review and edit
- Generating material take-offs for cost estimating

Qualifications for structural designer

- Consistent professional experience in engineering / design of Steel Structures for Plants
- Proven professional experience 3D Steel Structure Design (by TEKLA)
- Ability to create Custom Components by TEKLA
- Availability to accept assignment on site, abroad up to 6 months
- Intermediate knowledge of structural components and design methods
- Minimum of 2 years experience with AutoCAD, 2010 or higher