

MiTek

<http://www.mitekbuilderproducts.com/>

POSITION TITLE: Design Engineer

POSITION LOCATION: Corona, CA

POSITION DESCRIPTION:

We are seeking a dynamic and motivated Design Engineer who will be responsible for providing technical assistance to customers, and MiTek Builder Product technical support and sales force. Primary responsibilities include generating technical documents, tables and calculations. Additional responsibilities include answering product technical questions from engineers and construction professionals, resolve field installation related problems via telephone and email. Applicants must be willing and able to help in all areas to contribute to a team effort. Duties include but are not limited to:

- Perform analyses of lateral force resisting components and systems (wood and steel) used in light-framed wood buildings.
- Analyze and/or design light frame building components using engineering computer software such as ETABS, RISA, and/or SAP2000.
- Generate calculations using given and analytical data.
- Assist in preparation of technical documents and bulletins.
- Conduct feasibility studies and provide preliminary designs.
- Provide technical support of MiTek Builder Product lateral components to technical support and sales teams.

PREFERRED QUALIFICATIONS:

- Degree in Civil Engineering with emphasis in structural engineering
- Solid engineering/technical skills. Must have the ability to comprehend structural terms & topics.
- Educational background and fundamental understanding of non-linear finite element analysis, structural dynamics and inelastic behavior of building elements.
- Have working knowledge in structural design using commercially available FEM analysis tools (SAP2000/ETABS, RISA, or similar). Prior experience with building analysis software such as ETABS, SAP2000, PERFORM 3D, or Risa is preferred.
- Excellent communication skills.
- Familiarity with light frame design construction.
- Solid understanding of building codes (California Building Code, IBC, ASCE 7), statistical analysis and quality engineering principles.
- Ability to interact at a high level of professionalism with others; including co-workers and customers
- Overtime may be required. Attendance during regular work hours and overtime required.

HOW TO APPLY:

Interested applicants should apply online at <http://mitekcareers.silkroad.com>.