

Willdan Energy Solutions is seeking a Design Mechanical Engineer to join our Design-Build Engineering Solutions Team in Plano or Houston, Texas. We are looking for a reliable Design Engineer who will perform engineering and design for mechanical, electrical and plumbing (MEP) for commercial buildings. The Design Engineer will complete work as part of the design team under the direction of an Engineering Director. Projects require that design activities are completed in a timely manner (overtime could be required). The Design Engineer should understand the technical design and operation of mechanical and controls systems. This job will entail travel to jobsites, mainly in the Dallas-Fort Worth and Houston metropolitan areas, and also throughout other areas of Texas.

Responsibilities:

The Design Engineer is responsible for tasks including:

- Preparing engineering design load and calculations, mechanical (HVAC and plumbing) system layouts, process flow diagrams, P&IDs, installation detail drawings, and design documentation for all phases
- Preparing controls sequence of operations for mechanical systems
- Coordinating design between teams at different offices as required
- Preparing detailed engineering reports and narratives
- Specification writing
- Cost estimating
- Performing on site condition surveys
- Processing contractor submittals and assisting in the construction administration process
- Answering contractor requests for information
- Conducting meetings with clients and contractors
- Preparing commissioning documents and performing commissioning activities

Qualifications:

- Bachelor's Degree in Mechanical Engineering from an accredited university
- Minimum of 3-5 years professional experience in mechanical building design (HVAC and Plumbing)
- Experience with AutoCAD and Microsoft Office software
- PE preferred, or on track to obtain it

Interested candidates please reach out to Ani Duttagupta at adutttagupta@willdan.com