Our innovative and growing company is looking for a design engineer. 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 design engineer

- Coordinating with customers and suppliers and support design reviews
- Developing Interface Control Documents (ICD), create/compile technical documentation in support of evolving and changing designs
- Participating in Continuous Improvement activities and lean events
- Provide full spectrum engineering for project development and execution of LASU mechanical equipment and piping systems
- Design, analyze, and specify a wide range of process equipment and components including piping, valves, pressure vessels, cryogenic tanks, heat exchangers, DCACs, TSAs, and vaporizers
- Engineer piping systems and perform pipe stress analyses to meet code requirements
- Review and provide feedback on supplier drawings, calculations, and manufacturing procedures ensuring safety and adequacy of designs
- Specify and select piping, valves, paint, insulation, and pressure testing procedures
- Interpret process requirements and global standards to create mechanical designs, specifications, and requisitions used for vendor bid, selection, and fabrication
- Evaluate proposals in the selection of mechanical equipment and component manufacturers

Qualifications for design engineer

- Mater in Engineering with specialism in Mechanics, Physics or Electromechanics-Mechatronics
- Experience with sensor component design, supplier interaction, project work and SixSigma
- Competent user of 3D Solid Modeling CAD, ideally Pro-Engineer and familiarity with Product Data Management (PDM) systems
- A "Can do" attitude and ability to interact with a multi-functional team
- Able to assess workload and commit to realistic timelines
- Able to select from multiple design alternatives when a clear best choice is not evident