

Mechanical Design Engineer

Job Description

P3 Technologies has an immediate opening for an experienced Design Engineer. The preferred candidate will have 3 - 10 years experience generating mechanical designs including conceptual designs / evaluating design trade-space, generating preliminary designs including preliminary sizing and analyses, and generating detail designs including solid models and manufacturing drawings. Experience with rotating machinery, along with presenting and documenting designs at design reviews is a plus.

The selected candidate will be responsible for identifying potential solutions to design requirements, evaluating potential solutions to identify the optimum approach, identifying materials and manufacturing processes, identifying quality and inspection requirements, and communicating these requirements via manufacturing drawings to ensure all requirements are met. The candidate should be capable of performing initial sizing studies using hand calculations, and performing basic analyses for preliminary designs.

Basic Qualifications

Bachelor's degree in Engineering

U.S. Citizen (green card or authorization to work in the U.S. is insufficient)

Rotating machinery engineering experience

3 years mechanical design experience

Attention to detail

Positive attitude and ability to work well with others

Desired Skills

Solidworks

Structural analysis

Materials and/or manufacturing

Proficient with manufacturing drawings, assembly layouts, and GD&T

Strong verbal and written communication skills