



Strategic Management Solutions, LLC
Providing project solutions that work!

Mechanical Designer - Junior

Introduction

SMSI is recruiting for a Mechanical Equipment Designer Junior position. The individual will work directly with small teams to produce 3D models, drawings and fabrication packages of custom equipment. SMSI will team the junior engineer with a senior project engineer to acclimate and train the employee on the current processes, procedures, and product delivery to our customer. Work will be centered on specialized equipment for containment systems. Expect to work on gloveboxes, hot cells, cleanrooms, and material handling equipment. Also, the mechanical designer will work on small scale process piping & equipment, furnace systems, metal working systems, mills, lathes, rolling machines and pressure vessels.

Job Description

- Detailed design activities include preparation of component, sub-assembly and main assembly Creo, Pro/E models while creating detailed fabrication drawing packages and detailed bills of materials for the completion of equipment datasheets.
- Expect to build model structure and drawing tree architecture for distinct deliverables.
- Responsible for the establishment and maintaining file naming conventions and Windchill folders.
- Design activities are to be conducted following regimented quality assurance and stringent quality control procedures.

Required Experience

- Must demonstrate basic knowledge of or aptitude for Creo (Pro/E) and Windchill.
- Ability to learn and demonstrate capability in the design of custom equipment and/or containment systems is required.
- Aptitude to develop design documentation including fabrication drawings, equipment datasheets and design record documents is a plus.
- Familiarity with other 3D systems like CATIA, SolidWorks, plus 2D software, AutoCAD, and Autodesk Revit is a value.

Education

Bachelor's Degree in Mechanical Design

Associates degree or technical college certification required if no previous experience or a minimum of one (1) year of experience in related field required.

DOE Clearance

Must have the ability to acquire a security clearance.

Client projects for this position require U.S. Citizenship.

Location – Los Alamos, NM

Full time

Physical Requirements

The job requires the ability to sit for extended periods at a computer workstation.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

Applications

Visit the SMSI.us website to apply

The location is @ <https://smsi.us/index.php?page=careers>