



POSITION PROFILE

Position Title: Mechanical Engineer II
Reports To: Engineering Manager

Key Cultural Competencies:

- Highly ethical, honest, operates from the highest levels of integrity
- Passionate for his/her work, self motivated
- Team player, team oriented
- Professional in demeanor and appearance, graceful under pressure
- Values free enterprise, patriotic
- High work ethic
- Lifelong learner, always seeks to grow professionally and personally
- Responsible and accountable
- Organized, attentive to details, strong planner
- Clearly grasps the overall vision for the future of the company
- Have a strong sense of service for both internal and external customers.
- Good verbal and written communicator
- Positive and energetic
- Dedicated, loyal
- Innovative
- Flexible, embraces change
- Produces desired results on time and on budget

Qualifications:

- US Citizen
- At least 3 years experience as an engineer in a highly technical, R&D, and/or manufacturing environment or equivalent.
- Bachelor's degree or higher in mechanical engineering or equivalent.
- Working knowledge of SolidWorks for 2D and 3D mechanical drawings preferred.
- Systems integration experience.
- Ability to read and understand electrical and mechanical drawings.
- Familiarity with Microsoft Project, Access, Excel, and PowerPoint.
- Experience designing flight and military-grade hardware is a plus
- Thermal and structural analysis experience is a plus

Key Results:

- Mechanical design of products that meet or exceed customer requirements and Company specifications 100% of the time
- Assess and select materials to fit design criteria and environmental requirements.
- Assess and select manufacturing process to stay within or under target manufacturing costs.

- On time and on budget project completion 100% of the time
- All documentation to meet military standard requirements (if required by program) and AS9100 standards.
- Ensure quality standards are met 100% of the time

Responsibilities may include, but are not limited to:

- Creating product packaging concepts that are attractive, ergonomic, functional and sophisticated.
- Preparing detailed mechanical designs (3D) using SolidWorks including fabrication and assembly drawings.
- Analyzing mechanical designs for thermal and structural performance using SolidWorks.
- Coordinate and manage selected vendors and ensure quality per specifications for mechanical components by performing or overseeing quality inspections and verifications.
- Making technical presentations to existing and prospective clients.
- Developing efficient and cost-effective, best-value type product designs.
- Other activities as identified and assigned.

I have read and understand the above profile for my position at Iris Technology Corporation. Additionally, I am aware of the relevance and importance of the activities of my position and how they contribute to the achievement of Iris' quality objectives.

Printed Employee Name

Employee Signature Date

Supervisor Signature Date