

# Senior Mechanical Engineer

## OPPORTUNITY

Ainira Industries is currently seeking applicants for Senior Mechanical Engineer for its growing verticals. We are looking for a highly intelligent senior engineer and confident technical leader with a keen eye for design and a style that fosters innovation, collaboration, and accountability.

## JOB DESCRIPTION

Reporting to the Director of Engineering, the Senior Mechanical Engineer will work closely with Industrial Design, Electrical, Electronics, Systems and Software Engineers, Validation and Qualification, and Production teams. This is a hands-on role requiring adaptive thinking, initiative, and collaboration in a cross-disciplinary, dynamic and motivated environment. You will design system-wide perspective for multiple simultaneous projects from design concept through to production.

## RESPONSIBILITIES

- Provide technical design leadership and oversight, and work collaboratively with project managers across the Company for product innovation and support of new product development and introduction
- Take a vigorous lead role in Project Management of Mechanical Design and Integration for Electric Vehicles and Space/Aerospace divisions
- Development of designs for the creation of market disrupting products, including concept planning and development for new technologies and systems, and product enhancements
- Lead the processes of continuous improvement in product design, agile manufacture, and engineering procedures based on global best practice and trends
- Coordinate state-of-the-art design and development processes, including Robust Design Principles, Design for Manufacture, Design for Assembly, and Failure Mode and Effect Analysis (FMEA)
- Liaise with suppliers to ensure engineering product design, redesign, and customisation specifications are built to the highest standards
- Provide technical leadership and resources with engineering and manufacturing expertise to peers in order to coach and uplift the capabilities (development, operations) of each product engineering team
- Review and evaluate product quality, cost effectiveness, and manufacturing performance to standards, and take action as necessary to correct variances
- Attending meetings: design review, cost analysis, quality assurance and control, product validation, usability testing, supply chain, product packaging, and pre-production and manufacturing liaison
- Defining and communicating documentation on a regular basis: project design specifications, statement of work, timeliness (Gantt, Pert, critical path), budgets, risk analysis, and project communication
- Maintaining awareness of the competitive market landscape, and industry expansion opportunities
- Assessing risks to the company and ensuring they are monitored and managed/minimised

## **SKILLS and ABILITIES**

- Bachelor Degree in Mechanical or Manufacturing Engineering; Master's of Science highly desirable
- 10 years-plus successfully bringing high volume electromechanical products to mass production
- Strong leadership skills and the ability to recruit, retain, and inspire a top team of designers/developers
- Demonstrated track record of developing and launching successful, innovative products, with a thorough understanding of a variety of manufacturing processes and how they affect design decisions
- Comfortable driving multiple initiatives at a rapid pace, making thoughtful recommendations with available data for the successful commercial launch of new products
- Strong project management skills a must – 5 years-plus of experience managing development teams and successfully bringing high volume, consumer oriented products to volume production
- Outstanding communications skills also a must – succinct and to the point in one-on-one, small group and public speaking events for a variety of content (e.g. presentations, proposals, strategies etc.)
- Good administration, document control, and tracking skills, with demonstrated high degree of initiative, creative problem solving, and attention to detail
- Able to engage effectively with others on the senior management team in sales, product, manufacturing, finance, and legal, as well as to presenting effectively at Executive Management and Board level
- Travel domestic and internationally 20% of the time – EU, US, GCC, SE Asia, and Australia in particular

## **COMPENSATION**

This is a senior role within the business and the compensation package, which includes company stock, will be structured to reflect the experience and expertise of the successful candidate.

## **APPLY**

Click "Apply" below or use form in the Contact section – quote the reference number HR-ENG-0036. Only the shortlisted candidates will be contacted. Thank you for your interest.

Recruitment agencies, please note that no agency candidates will be accepted.