

# Engineering Manager Nuclear Technologies

## OPPORTUNITY

Ainira Industries is currently seeking applicants for Engineering Manager Nuclear Technologies for its Space and Defence division – a highly intelligent and confident senior engineer, and a strategic manager with a keen eye for design and a style that fosters innovation, collaboration, and accountability.

## JOB DESCRIPTION

Ainira Industries leverages great science to deliver big outcomes. We partner with scientists and engineers, and apply new technologies to provide real-world benefits. Our work improves human health, saves lives, builds our industries, and protects the environment.

The Aerospace Technology Group undertakes and enables world-class applied and translational research utilising nuclear techniques to enhance Company's contribution to supporting development in relation to nuclear science and technology and connects people, transfers knowledge, and provides nuclear-based products and services.

As custodian of unique nuclear expertise and technology know-how, the group is committed to undertaking research and enabling systems that deliver real-life benefits and impact. The Aerospace Technology Group has a mandate to deliver mission-based programs utilising Ainira's wealth of expertise and infrastructure, with a particular focus on developing next-gen safe nuclear-powered engine for civil and military aircraft.

Reporting to the Director of Nuclear Materials Science and Technology, the position is the technology development and manufacturing leader of the Space and Defence Technology Group.

## RESPONSIBILITIES

- Primary point of contact for Nuclear Technology and Product Development within the Company
- Support the company's long-term strategy for Space/Aerospace and Defence division, and ensure the continued development of world-class capabilities infrastructure to enable successful product launch
- Foster a culture of high-performance that encourages innovation, improves productivity, and promotes teamwork and collaboration, and model appropriate and professional behaviour in the workplace
- Drive and collaborate across the sector to introduce and adopt new technologies to enable efficiencies or new opportunities
- Lead programs to develop the capabilities, skills, and expertise of employees within the Group including development of leadership and career pathways
- Identify, establish, operate technology assets that accelerate product and innovation, provide strategic product engineering direction and thought leadership based on global best practice and trends
- Reviews and evaluates product quality, cost effectiveness, and manufacturing performance to standards and takes action as necessary to correct variances
- Ensures engineering product design and specifications are built to the highest standards, assessing risks to the company and ensuring they are monitored and managed/minimised

- Enable team-based governance across product engineering teams and acceleration of shared assets where appropriate
- Meet regularly with direct reports to review performance, recommendations and reports, and identify any issues and set expectations of goals
- Represent the organisation at official occasions, in negotiations, at conventions, seminars, public hearings and forums, and liaising between areas of responsibility
- Maintaining awareness of the competitive aerospace and defence sector, market landscape, expansion opportunities, and industry developments

### **SKILLS and ABILITIES**

- MSc/ BSc in Nuclear, Aerospace, Electrical, Mechanical/Production Engineering, or equivalent is required
- 10-15 years-plus successfully bringing niche space/aerospace products to mass production
- Understanding of the defence sector both within the US, NATO, AUKUS, and abroad
- Strong leadership skills and the ability to recruit, retain and inspire a top team of developers
- Work within a framework of legislation, policies, professional standards, and resource parameters, and comfortable driving multiple initiatives at a rapid pace and making thoughtful recommendations
- Support initiatives and strategies to increase capability area investment through identified partnerships and with external and internal stakeholders
- Capable of overseeing multiple cross-functional teams in all project activities for multiple concurrent projects necessary for the successful commercial launch of new products
- Strong project management skills a must – 5 years-plus of experience managing engineering teams and successfully bringing high volume, consumer oriented, electro-optic products to mass 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.)
- Demonstrated track record of developing and launching successful, innovative products; has a thorough understanding of a variety of manufacturing processes and how they affect design decisions
- 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

### **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-SDA-0011. Only the shortlisted candidates will be contacted. Thank you for your interest.

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