

Senior Manufacturing Engineer

OPPORTUNITY

Ainira Industries is currently seeking applicants for a Senior Manufacturing Engineer to join our growing team in Melbourne, Australia.

JOB DESCRIPTION

The Senior Manufacturing Engineer is primarily responsible as the first point of contact for the direct support on the manufacturing floor. In addition, they are responsible for implementation of process improvement and the transfer of processes into production.

RESPONSIBILITIES

- Develop, document, maintain, and improve manufacturing processes and procedures, and set standard process times in terms of effort and duration.
- Design and develop the electric vehicle production assembly and test stations to meet the quality and manufacturing performance objectives.
- Lead the EV manufacturing NPI planning and execution activities in conjunction with the overall corporate strategy.
- Assess and assist with the assembly, testing and inspection of the optical, electro-optical, and opto-mechanical assemblies and piece parts for initial prototyping and ramp production.
- Collaborate with the design team and provide design feedback for manufacturability, serviceability, and reliability.
- Support the production team with troubleshooting all EV components and system issues.
- Provide support to sustain and enhance production by providing guidance with the analysis and resolution of quality issues relating to product, process, and production stations.
- Prepare tools and provide training and support to manufacturing personnel with initial builds and as necessary with ramp production.
- Initiate change requests to update the bill of materials and related process documentation.
- Perform equipment, process, and testing validation.
- Write detailed work instructions including assembly, test, material inspection and validation procedures.
- Create and direct equipment calibration, maintenance, and new equipment procurement specification for all analytical instruments used in advanced production.
- Performs other related duties in the aircraft, and spacecraft prototyping and manufacturing as required by management.

SKILLS and ABILITIES

- BSc Engineering, Mechanical/Manufacturing Engineering; MSc viewed favourably.

- Minimum of six years' experience in an EV/aerospace production environment deploying complex production processes.
- Experience in assembling, handling, and testing opto-mechanical and electro-optic assemblies and sub-systems.
- Experience with fusion splicing fibre and fibre processing techniques.
- Experience in technical Production Engineering and quality methodology - such as statistical process control and FMEA is a plus.
- Working knowledge of best practices in design and testing.
- Knowledge and experience with Labview, MatLab, and SolidWorks.
- Self-starter who is highly motivated and takes initiative.
- Ability to collaborate in a team environment, and works well under pressure in a dynamic fast-paced environment.
- Must be able to accurately communicate ideas, always operate on a professional level, and provide solutions to challenging issues.
- Willingness to continue to learn, grow, and take on stretch assignments.
- Excellent computer and MS Office skills to report in a variety of formats.

COMPENSATION

The Company offers a competitive compensation and benefits package, including salary and company stock.

APPLY

Click "Apply" below or use form in the Contact section – quote the reference number HR-MFG-0039. Only the shortlisted candidates will be contacted. Thank you for your interest.