

Project Engineer

- Market leading Australian manufacturer
 - Work in a dynamic team
 - Office based in Lara
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Air Radiators is an award-winning Australian Manufacturer, providing specialised Heat Transfer systems for mobile and stationary applications. With over 45 years of industry experience and an impressive list of Australian and International customers, we have a highly regarded reputation for delivering top quality Heat Transfer systems.

The Role:

This role is responsible for the product and project engineering, design, and validation of key strategic new products, as well as the development and validation of manufacturing processes and improvements on current products. This covers all roles from product conceptualising, research, calculations, CAD, FEA, design, design approval, design validation, manufacturing processes and problem solving.

- Determine project specifications and develop scope for projects and implementation
- Identify project responsibilities, delegating tasks
- Detailed mechanical design work (for radiator, heat exchange and general mechanical assemblies) including 3D modelling, simulation and design verification testing as required
- Actively coordinate and lead AR and customer technical requirements capture
- Conduct analysis (FEA & CFD) to ensure effective conversion of project requirements into product designs suitable for release to manufacture
- Utilise Design for Manufacture (DFM) principles as required to ensure lean and cost-effective designs, including design for variability/tolerance
- Design review prior to release to manufacture
- Preparation of documents and reports including technical documents
- Project management activities

Requirements:

- Bachelor's degree in Mechanical Engineering or relevant experience
- 7 years of experience in a similar role
- Must have Solidworks Experience and 3D/Parametric Drawing
- Advanced MS Office skills
- Experience in metals manufacturing and fabrication business preferred
- Certified Engineer with Engineers Australia

Applications To

Email to: recruitment@airrads.com.au with **Project Engineer** in the subject line.

