

Senior Mechanical Design Drafter

About Us:

For 50 years, Air Radiators has been a top-tier company dedicated to the design and manufacture of heat transfer solutions. We work with major customers in the mining, railway, defence and government sectors, and we have a solid reputation for providing our customers local and globally with quality products and service.

As part of Adrad Holdings Limited, an ASX-listed business with headquarters in Adelaide, we have over 300 employees spread across Australia and Thailand. Operating as a group, we are a market-leading, vertically integrated designer and manufacturer of Original Equipment (OE) industrial radiators and cooling systems for high-end applications that shape the direction of heat transfer solutions in the future. Join us today and build a career you can be proud of.

The Role:

The successful candidate will be responsible for creating product designs with accurate and detailed technical drawings (2D or 3D models), as well as data packs and specifications for engineering and manufacturing.

They will also implement new product designs, develop existing products, provide support for multiple projects, control documents, and provide technical support across the business.

Key responsibilities include, but are not limited to:

- Preparing engineering drawings – 3D & 2D CAD modelling (in SolidWorks)
- Create detailed manufacturing drawings
- Create Bill of Materials (BOMs) from drawings
- Use design for manufacture methodology, to ensure manufacturing feasibility and error proofing are embedded in the product design
- Ensure customer requirements are met and translated into engineering specifications and designs, complying with internal and regulatory requirements
- Maintain engineering database (PDM)
- Coordinate and complete the design review prior to releasing to manufacturing
- Undertake continuing training and development on SolidWorks and Product Data Management (PDM) techniques
- Contribute to continuous improvement initiatives, design reviews and problem-solving activities

Key experience required:

- Bachelor's degree in Mechanical Engineering or relevant work experience
- Minimum 5 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
- Knowledge of GD&T principles beneficial

How to Apply:

Please submit your resume and cover letter to recruitment@airrads.com.au with Senior Mechanical Design Drafter in the subject line.