

Quality & Process Engineer

About Us

For over 50 years, Air Radiators has been dedicated to the design and manufacture of innovative heat transfer solutions. We are a world-class, award-winning supplier to Australia's vehicle manufacturing industry and have ISO9001 accreditation. Our customers include major businesses in the transport, mining, railway, defence and power generation sectors, locally and globally.

As part of Adrad Holdings Limited, an ASX-listed business with headquarters in Adelaide, we have over 400 employees spread across Australia and Thailand. Operating as a group, we are a market-leading, vertically integrated designer and manufacturer of Original Equipment (OE) and aftermarket industrial radiators and cooling systems, helping to maintain and shape the direction of heat transfer solutions into the future. Join us today and build a career you can be proud of.

About the Role

We are seeking a highly motivated and detail-oriented Quality & Process Engineer to join our team. This role is responsible for ensuring that engineering, manufacturing, and supply chain processes deliver cost-effective, high-quality, and fully compliant solutions.

The successful candidate will play a key role in process optimisation, quality assurance, BOM accuracy, and cost control, supporting projects from proposal stage through manufacture and final delivery.

Key Responsibilities

Quality Engineering

- Ensure compliance with ASME, PED, ISO 9001, and customer specifications
- Develop and maintain Quality Plans, ITPs, and Control Plans
- Lead Root Cause Analysis (RCA) and implement CAPA for non-conformances
- Support inspections and compile MDR, ISIR, and FAI documentation
- Maintain and improve the ISO 9001 Quality Management System (QMS)
- Plan and conduct internal audits with follow-up actions

Process Engineering

- Develop and optimize manufacturing and inspection processes
- Provide technical support to production teams
- Drive lean manufacturing and continuous improvement initiatives
- Participate in design reviews and support new product introductions

BOM & Costing

- Review and validate Engineering BOMs for accuracy and manufacturability
- Ensure material, revision, and ERP/MRP data integrity
- Validate product costing and support tenders/quotations
- Identify cost-reduction opportunities without compromising quality

Cross-Functional Collaboration

- Act as technical liaison between Engineering, Production, Purchasing, and Sales
- Support customer and supplier technical requirements
- Participate in audits, meetings, and continuous improvement initiatives

Quality & Process Engineer

Skills & Experience Required

- Degree Mechanical, Manufacturing, Industrial, or Quality Engineering (or equivalent experience)
- Proven experience in quality and/or process engineering within a manufacturing environment
- Strong understanding of ISO 9001 and quality management systems
- Experience with BOM management and ERP/MRP systems
- Knowledge of ASME, PED, or similar codes and standards (advantageous)
- Root Cause Analysis and continuous improvement experience
- Strong analytical, problem-solving, and communication skills
- Ability to work cross-functionally and manage multiple priorities

How to Apply

Please submit your resume and cover letter to recruitment@airrads.com.au with 11022 - Quality & Process Engineer in the subject line.