



Specialist Heat Exchanger Manufacturers. Incorporating BLOCKFIN™ and TRANSON™

11 Suzuka Rd. Westmead

South Africa

TEL 031 811 0061 / 031 700 6851

Job Title: Junior Engineer

Company Overview:

SA Heat Exchange, a trusted leader in custom heat exchange solutions for 20 years, is seeking a driven and talented *Junior Engineer* to join our dynamic engineering team in Westmead, KwaZulu-Natal. We are proud to serve many of the largest industrial companies across Africa with customised, high-performance heat exchangers.

Job Summary:

As a Junior Engineer, you will play a key role in the design, development, and manufacture of heat exchangers - including finned tube, shell and tube, and plate heat exchangers. This is a unique opportunity for a technically minded individual to deepen their engineering capabilities, gain commercial and operational exposure, and be part of a management team in a company small enough for your voice to matter but big enough to make a real impact.

Key Responsibilities:

- Collaborate with design engineering team to design innovative and efficient heat exchangers tailored to client needs.
- Draft detailed technical drawings using AutoCAD, ensuring accuracy and adherence to industry standards.
- Support the sales team by contributing to commercial proposals, tenders, and RFQs.
- Liaise with the operations team to ensure seamless manufacturing and assembly of heat exchangers.
- Contribute to R&D initiatives focused on new technologies, products, and process improvements.
- Take part in continuous improvement efforts to enhance product performance and internal efficiencies.

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Reg No. 2025/224977/07 VAT No. 4820244798

www.saheatexchange.co.za

Directors: Thomas Attenborough, Joshua Attenborough

Requirements and Skills:

- Bachelor of Science (BSc Eng)/ Bachelor of Engineering (BEng) in Mechanical Engineering or Chemical/Process Engineering, with a strong focus on thermal engineering subjects.
- Proficiency in AutoCAD for design and drafting.
- Strong communication skills, written and verbal, to explain technical concepts and collaborate across departments.
- Analytical thinking and problem-solving capabilities, with a meticulous attention to detail.
- A proactive, ambitious mindset with a genuine interest in growing within the field of heat exchange technology.
- Ability to work both independently and as part of a team.
- Knowledge of a programming language will also be beneficial.

What We Offer:

- A dynamic, fun and respectful work environment that values quality, innovation, and teamwork.
- Practical engineering experience in a respected, fast-growing company.
- Mentorship and guidance within a close-knit team of three heat exchanger designers.
- Direct access to senior leadership, enabling fast learning and real influence.
- Opportunities to engage in cutting-edge projects and ongoing R&D initiatives.
- Career development in both engineering and business management.

About SA Heat Exchange:

Based in Westmead, KZN, SA Heat Exchange designs and manufactures high-performance heat exchangers for clients across a broad range of industries. Our commitment to excellence, precision, and long-term value has earned us the trust of major organisations throughout Africa.

We are a passionate, detail-oriented team working in an environment built on respect, open communication, and continuous improvement. At SA Heat Exchange, we believe in lifelong learning and are dedicated to helping our team members grow and thrive.

Our Core Values:

1. Quality
2. Efficiency
3. Respect
4. Honesty
5. Pride
6. Accountability

Applications sent to tom@saheatexchange.co.za / 031 811 0061

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