

WE'RE HIRING!

Junior Project Engineer

Cooling Towers & Air-Cooled Heat Exchangers

Johannesburg, South Africa (Occasional travel to client sites & fabrication facilities)

Join Our Engineering Team

We're looking for a motivated and detail-oriented Junior Project Engineer to help deliver cutting-edge industrial cooling solutions across South Africa's energy, mining, and manufacturing sectors.

If you're eager to apply your mechanical engineering skills in real-world environments, this role offers hands-on exposure to thermal systems, project execution, and client-facing work.

What You'll Do

- Support senior engineers in planning and executing cooling system projects
- Prepare technical documentation, drawings, and progress reports
- Assist with thermal & mechanical design of cooling towers and air-cooled heat exchangers
- Participate in design reviews to ensure compliance with API 661, ASME, and local standards
- Conduct site visits for inspections, measurements, and installation support
- Assist with commissioning and performance testing

What You'll Bring

- Bachelor's degree in Mechanical Engineering or related field
- 0-3 years experience in industrial projects or thermal systems
- Understanding of cooling tower & heat exchanger principles
- Proficiency in AutoCAD, SolidWorks, or similar software

Your Strengths

- Strong analytical and problem-solving ability
- Clear, effective communication
- A collaborative mindset
- Eagerness to learn and grow
- Willingness to travel within South Africa

Bonus Points

- Internship or project experience with thermal equipment or mechanical systems

Ready to Grow Your Engineering Career?

Send your CV and a brief motivation to christine@iwc.co.za