

## ***Our Business***

Regal Beloit Corporation is a successful global organisation with a reputation for excellence in research, design, product quality, manufacturing and service.

Regal Beloit's product range includes a comprehensive range of industrial, commercial and consumer products.

The Melbourne based R&D team is part of Regal's global R&D operations focused on developing new technology and products for Regal worldwide. This team has successfully developed new technologies that have enabled a range of ground-breaking products for pumping, HVAC, traction, renewable energy and battery powered applications. The ongoing success has driven growth which requires adding new engineering positions.

## ***The Role***

This is not your typical engineering position. You will be part of a multidisciplinary engineering team operating with a start-up ethos but with the support and resources of a large global corporation. You will be researching and developing new technologies and your ideas will help define the future generation of products for the global Regal business. A passion for innovation and a problem-solving mindset is key.

This role is suited to a talented, hands on engineer and involves the design and development of power electronic hardware for a range of systems powered and controlled by high performance electric motors. You need to be creative, driven and have a desire to succeed when presented with challenges outside your current knowledge base. A strong practical and theoretical background is essential.

As the local R&D team works with international counterparts, opportunities exist for occasional overseas travel.

## ***The Candidate***

### ***Required***

- Bachelors of Electronic Engineering (or equivalent)
- 3+ years in electronic hardware design
- Design and development of electronic hardware experience
- Schematic design and PCB Layout (Altium)
- Experience building, testing and debugging electronic hardware
- Experience with simulation and analysis of electronic circuits (Spice or equivalent)
- Embedded software development experience

### ***Desired***

- Experience developing power electronic system (up to 1kV, 50kW)
- Experience with wide-band gap devices
- Knowledge of electric motor control and applications
- Understanding of IoT technologies
- Exposure to design and test procedures for EMI, hipot, transient, ESD, and others
- Exposure to agency testing - IEC, CE, UL, CSA

This is a unique position for a motivated engineer looking to utilise and build their skills to innovate in an emerging market segment.

Please forward your resume along with cover letter to [Caroline.Kennedy@RegalBeloit.com](mailto:Caroline.Kennedy@RegalBeloit.com)