



The only Australian company capable of producing Vanadium and HPA with a Government Environmental Authority and Mining Leases Approved

Senior Electrical Engineer

- Brisbane City
- Full time
- Competitive Salary
- Professional development opportunities
- Career growth in Australia's leading critical minerals vanadium and HPA proponent
- Construction of a concentrator and two refineries is commencing in August.
- Help us stay years ahead and move further ahead in the new growing industry!

What's your ambition? Is it a big goal or small steps? Professional or personal? Start your career, tree change or more interesting work? We'd like to know. We are leading in our industry and offer an exciting future to our most valuable asset – our people.

About Us

Multicom Resources Pty Ltd is developing the Saint Elmo Project which will involve the construction of a mine, concentrator and two refineries on site 15km east of Julia Creek. The refineries will produce the critical minerals of Vanadium and High Purity Alumina.

Our goal is for all full time operations personnel to live local in the Julia Creek region.

We are the only Australian company with capable of producing Vanadium and HPA with Government Environment Authority and Mining Leases Approved. We will be integral to Australia's battery revolution as Australia's leading vanadium and HPA proponent.

Multicom Resources can be described as an exploration and mineral processing company focused on the discovery and development of world class mineral deposits and has several tenements in addition to Saint Elmo. We are on a mission to bring high purity critical minerals to the world and become a reliable supplier for global technology manufacturers.

We offer more than a job, we provide growth, development and a future in Australia's most exciting critical minerals refining operation.

The opportunity

The Senior Electrical Engineer's primary responsibility will be to assist with the design and construction of the electrical, instrumentation and control systems (EIC) for the Saint Elmo processing project

The Saint Elmo Project includes but is not limited to equipment in the following areas:

- Water, air or gas supply systems on site and in any Multicom owned camp or town located facilities,
- Materials handling systems
- Beneficiation process plant systems

Multicom Resources Pty Ltd

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- Hydrometallurgical processing plant systems including but not limited to tankage, pumps, piping handling a wide range of chemicals and substances, ,
- Pyrometallurgical equipment including dryers, calciners, coolers, and furnaces,
- Associated heating, cooling, emission controls and building services systems,
- Heavy mobile machinery and construction equipment,
- Other mine related infrastructure.

The Senior Electrical Engineer will be required to work as part of and provide leadership within a multi-disciplinary Engineering Design/Construction Team (structural, mechanical, process and mining) to deliver best for project outcomes. Communicating effectively with internal stakeholders and being committed to a team approach. Understanding project priorities and deliver the team under self-driven situations.

In this role you will be responsible for preparation and assistance with the following design documentation:

- Electrical Equipment and Instrument Lists
- Single Line Diagrams
- Maximum power demand calculations
- Switchgear and MCC specifications
- Cable Schedules
- Termination Drawings
- I/O Lists

The role will also provide leadership and assistance during project delivery including the following:

- Participating in the development, review and approval of all EIC equipment procurement documentation
- Ongoing technical reviews, status reporting, risk identification and management including participation in project Risk Assessments and Hazops
- Assistance with timely review of Technical Queries and vendor engineering documentation
- Assistance with equipment factory acceptance testing (FAT)
- Commissioning of the EIC system
- Leadership within the construction management team with quality compliance of construction works,
- Leadership in the engagement and management of subcontractors,
- Assisting with the development of schedules and forecasts,
- Assisting with financial reporting and management of the project,

- Oversight of daily record keeping, data collection and analysis, and
- Development of cost estimates for variations
- Moving into an operations management role overseeing capital and maintenance projects

The Senior Electrical Engineer will have the ability to further develop their career in the leadership of a diverse team which will face a broad range of technical challenges. Moving into operations the successful applicant will also have opportunities to diversify their experience into mineral processing design and management of process plant operations.



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Sound like the job you are looking for? Before you apply it's also worth knowing what we are looking for:

The successful applicant must have the ability to adapt to various work environments, resilience while developing projects and a new industry and a passion for working with a values-based team.

What you will need

- Bachelor of Engineering (Electrical)
- 10+ years' experience, preferably in engineering, procurement and construction projects, and refinery operations environments
- 3 years experience in a similar leadership role
- Exposure to mining infrastructure and refinery construction and operations
- Ability to effectively communicate with people from diverse backgrounds
- Strong problem-solving abilities
- Attention to detail
- A drive to perform at a high level

In addition, the following will be highly regarded:

- RPEQ certification
- Qualifications or substantial experience in compliance with the electrical requirements of the Queensland mining regulations
- Qualifications in Hazardous Areas design standards

We are looking for people that are ambitious but team players and able to use their initiative to drive outcomes. In line with this, the role will pay competitive rates and provide people with rapid and diverse experience.

If you want to work with industry experts and gain exposure to Queensland's most exciting new critical minerals company, please apply below, and we will contact you soon.

What you can expect from us

You'll join an entrepreneurial, energetic and inclusive culture. One where we succeed and we recognise excellence. Where like-minded professionals work naturally together to achieve great things. Keep those ambitions in sight and imagine where Multicom Resources can take you. The future is bright as we lead the battery revolution and offer a sustainable future for all Australians.

Multicom Resources is committed to developing and maintaining a diverse workforce. As an organisation, we don't just accept that we are a place of many different people, but we embrace it, we celebrate it, and we proactively support the needs that difference brings, we offer a senior leadership team that develops and grows our next generation of Leaders in the Mining Industry.

Apply today by emailing jobs@mcres.com.au and quoting job reference number MCOEE02.

Please note, although developing relationships with agencies forms a component of the Multicom Resources talent acquisition strategy, on this occasion agency submissions will not be accepted.