

Principal Engineer, Reduction Processes

Job Search • East Brisbane QLD 4169



Base pay
\$0 - \$0



Work type
Full Time



Contract type
Not provided

Job details



Date posted
11 May 2021



Expired On
28 May 2021



Category
Mining & Energy



Occupation
Oil & Gas



Base pay
\$0 - \$0



Work type
Full Time



Job mode
Permanent

Full job description

About the role

We are looking for a **Senior / Principal Engineer, Reduction Processes** to proactively seek/identify/promote operation & process improvement opportunities for all smelters within Pacific Operations. Pacific Operations is a division of Rio Tinto Aluminium with geographically dispersed sites operating in Australia and New Zealand.

The Reduction team with Smelting Technical Support works closely with our smelting operations to maximize cash flow through improving the performance and efficiency of their operations by the development and deployment of technological improvement.

Based in Brisbane, you will...

- Lead/participate in reduction focused technical support projects and governess activities across all smelter operations
- Develop and transfer best practice processes and procedures among pacific smelters as well as Atlantic smelters
- Establish/maintain a technical network between Pacific smelters, Atlantic smelters and other internal/external technical contacts enabling access to relevant best practices, expertise and developments. Being a senior member of the team, you will be expected to play an important role in provide technical training and mentoring to other team members both within Brisbane and at operating sites
- Keep abreast of operation and process condition for all sites using available tools and platforms, such as periodic remote/onsite process review with key stakeholders. Effectively influence, intervene or escalate when necessary to ensure operation and process stability maintained or improved.
- Be recognized as an expert in multiple aspects of reduction cell design, process control and operation. Design in this context would be expected to extend to thermo-electric, thermo-mechanical and MHD

behaviour.

About you

To be successfully considered for this role, you will have:

- Tertiary qualification in Chemical/Process/Material Engineering
- Extensive experience (+10 years) of demonstrated technical experience within the aluminum reduction process.
- You will have demonstrated experience working within a technical leadership role within a smelter or corporate environment
- Outstanding communication & influencing skills when engaging with senior leaders
- Excellent written communication skills, including experience in preparing strategies and reporting.
- Ability to work collaboratively across teams as well as independently to deliver business wide initiatives.
- Demonstrated experience in project management and working through a large organisation to achieve results.
- Previous experience working on issues related to the resources and energy sectors
- You will also possess the ability and willingness to travel to operational sites across Australia and New Zealand

What we offer

- A work environment where safety is always the number one priority
- A competitive base salary reflective of your skills and experience with annual incentive program
- Comprehensive medical benefits including subsidised private health insurance for employees & immediate family
- Career development & education assistance to further your technical or leadership ambitions
- Relocation assistance if required

Please note, in order to be successfully considered for a role you must complete all pre-screening questions and medicals. For more information & to apply - http://adtrk.tw/tp/rj6-IRvk_y-K