

Shaping the future

Metallurgist

An exciting opportunity exists for a Metallurgist reporting to the Superintendent: Metallurgy and Improvements. The successful incumbent will be responsible for the optimisation of the production process and to review operation practices, methodology and technological application to achieve a safe, low cost and efficient operation. This includes the investigation of process alternatives both technically and economically and to provide advice for metallurgical operations of the plant.

Key performance areas

- Conduct technical process audits and carry out rigorous process data analyses for area of responsibility. Determine root causes for process deviations, communicates deviations and develops action plans to address;
- Identify areas of improvement related to process efficiency, process control, equipment operation and production costs. Investigates and recommends improved operating methods and technologies that will add value to the bottom line;
- Implement approved technical improvement project/s within area of responsibility and manage the timeline, costs and sustainability of the project/s;
- Supervise and control the activities, standards of performance and behaviour of designated subordinate staff;
- Advise operations team of changes in feed quality, expected upsets and of operational procedures to be followed to deal with anticipated process upsets;
- Liaise with and work closely with operations superintendents, foremen and plant operators;
- Prepare business cases for the implementation of new technology, chemical or process changes; and
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- Provide input into the quarterly forecast for production planning and major consumables (process reagents) planning, based on the analysis of previous performance and improvement opportunities.

Minimum requirements

- Grade 12 and a recognised Bachelor of Science or B Tech degree in Chemical Engineering or Metallurgy or Process Engineering or equivalent;
- A minimum of three years' working experience in a mining processing environment; and
- Code B (08) driver's licence.

To apply

Please go to the following website www.riotinto.com/careers/ and search for Metallurgist

Application closing date: 23 February 2018