

Shaping the future

Engineer: Process Safety

A vacancy exists for an Engineer: Process Safety in the Engineering & Projects department, reporting to the Manager: Engineering & Projects. Process Safety is a strategic priority for Rio Tinto and is critical for fatality risk reduction for Rössing, where hazardous chemicals are used - such as Ammonia and Sulphuric Acid. The successful candidate will improve the risk profile of Rössing through developing a business culture that can define, measure and improve process safety.

Key performance areas

- Investigates accidents/ incidents and recommends corrective/ remedial measures;
- Implements a world class process safety programme at Rössing;
- Provides process safety governance across site to ensure that the key process safety KPI's are being met;
- Coordinate, develop and implement Rössing's process safety strategic plan and roadmap;
- Lead the identification and review of process safety incident tracking in RTBS;
- Coordinate compliance and Rio Tinto governance reviews and audits to assess process safety element compliance and identify areas of improvement;
- Collaborate and share process safety risk management strategies with both external (Rio Tinto) and internal Rössing stakeholders to leverage the broader organisation for value creation through sharing knowledge, experience, resources and skills;
- Develop a programme for identification of engineering (or higher) controls for critical business risks;
- Ensure operating conditions that minimise consumables costs wherever possible;
- Recommend improvements to processes and facilitate improvement projects together with other engineering and project teams.
- Monitors the outcome of process improvements; and

- Provide coaching to personnel.

Minimum qualifications

- Grade 12 and a recognised Bachelor of Engineering degree (B.Eng) or Bachelor of Science (B.Sc) or Bachelor of Technology degree (B.Tech) in one of the following disciplines: Mechanical Engineering, Process Engineering, Chemical Engineering, Industrial Engineering or Extractive Metallurgy;
- A minimum of three years' working experience in a major processing facility plant or technical environment;
- Any specific safety certification or training will be advantageous;
- Experience in implementing, sustaining process safety management systems and experience with one or more process hazard analysis techniques will be an added advantage; and
- Code BE (08) driver's licence.

To apply

Please submit your curriculum vitae and certified copies of qualifications with a cover letter to e-mail: RUL.recruitment@riotinto.com

Application closing date: 24 March 2017