

Mechanical Engineer



Talison Lithium Limited - Perth CBD

Talison is the operator of the largest and highest grade Lithium mine in the world at Greenbushes in the South West of Western Australia. Talison is listed on the Toronto stock exchange and is currently expanding its operation to double its concentrate production capacity. Talison is uniquely positioned in the Lithium market with the ability to produce the highest grade mineral concentrates and access Chilean brine prospects.

Talison is progressing with the development of lithium chemical production from lithium concentrates. This is a unique opportunity and a rewarding role where you can use your skills and experience to be a key member of a technical team contributing your technical expertise on mechanical design to our experienced technical team and our appointed project consulting engineers.

As a key member of the owner's team you will oversee the mechanical process engineering design at the consultant engineer's office (Perth CBD location) for the lithium chemical plant engineering study.

You will liaise and facilitate communication between Talison and the consulting engineers on design, equipment and materials from detailed design plans through to construction phase.

Your technical advice will be utilised to review mechanical design criteria as the feasibility project develops, and identify and recommend improvements to mechanical requirements of the commercial plant, from design through to commencement of the operation.

Your experience will facilitate comprehensive understanding of mechanical and material requirements to ensure the specifications are inclusive in the chemical plant design, including participation in the operation of our Test Facility to ensure the mechanical design of equipment and materials for the commercial plant are comprehensive, with particular emphasis on rotary kilns and associated equipment.

You will be actively involved in evaluating material and mechanical alternatives, with some travel to local or international vendor locations. Based on the mechanical requirements you actively contribute to, you will develop a preliminary procurement strategy and break equipment into discrete packages to match project progress, implementation, and construction timetables. Controlling the placement of orders for long delivery items, tracking and monitoring the procurement of critical Chinese equipment through to delivery.

It is expected that you will have a Mechanical Engineering Degree with previous experience in a similar role, excellent interpersonal skills and a genuine interest in working with a dedicated technical team that enjoy the challenge of progressing a project through to construction.

As a Talison employee you will participate in the company's long term incentive scheme that issues share options to employees and a short term performance bonus scheme.

Confidential enquires can be made to Grant Harman (08) 9263 5566

A detailed application outlining your relevant experience and qualifications should be submitted to jobs@talisonlithium.com