

Rino Recycling Resource Recovery Facility – Electrical Works

Pinkenba, QLD

Client

Crossmuller Pty Ltd

Practical Completion Year

2024

Project Value (A\$)

TBC



Rino Recycling's Pinkenba facility is a large-scale construction and demolition waste recovery operation developed to increase material recovery and reduce waste going to landfill. The facility integrates advanced wet and dry processing technologies with automated materials handling systems capable of processing up to 475 tonnes of material per hour.

CE Group delivered electrical works supporting the installation of specialist recycling and processing infrastructure within the facility. The works were undertaken across a complex industrial environment incorporating interconnected processing equipment, conveyors and materials handling systems.

The facility combines specialist technologies from CDE and Turmec to separate, process and recover construction and demolition materials. This integrated approach enables recovered materials to be transformed into products including recycled sand, aggregate, fill and road base for reuse within the construction industry.

Electrical delivery required coordination with specialist equipment and installation teams as the different processing systems were brought together within the broader facility.

The project demonstrates capability in delivering electrical works across large-scale industrial processing and resource recovery infrastructure, particularly where specialist plant, automated materials handling and multiple technology systems must operate as an integrated facility.

Project Highlights:

- Large-scale resource recovery infrastructure
- Up to 475 tonnes per hour processing capacity
- Construction and demolition waste processing
- Integrated wet and dry processing systems
- Automated conveyor and materials handling infrastructure
- Electrical works supporting specialist processing equipment
- Integration within a complex industrial facility
- Resource recovery and circular economy infrastructure