



QCC
RESOURCES

EXPERTISE EXPERIENCE DELIVERY

Expertise. Experience. Delivery.

Recognised as a leading process engineering and project delivery business, QCC Resources provides integrated solutions that optimise financial returns and deliver efficient processing solutions for client operations.



Having successfully delivered more than 3,000 projects across Australia, China, New Zealand, Indonesia, South Africa, Canada and Russia over the past 25 years, clients value our expertise and experience, as well as our commitment to collaboration and a zero harm working environment.

Core Expertise

- » Coal Processing
- » Strategic Consulting
- » Engineering and Design
- » Project Delivery

Coal Processing

With over twenty-five years experience in coal preparation engineering and design, our teams have the critical expertise to make meaningful contributions to the future strategy of plant and mining operations.

Expertise

- » Wide ranging involvement in the design, engineering, operation and optimisation of coal preparation plants
- » Coal preparation plant engineering for a wide range of plants including benchmark plants, refurbishment of older style plants and the development of modular style plant concepts
- » Involvement with new, innovative process developments
- » Assistance in mine planning by deriving quality and preparation computational procedures that have been interfaced with a range of outputs from mining and geological software packages

Strategic Consulting

Clients regularly engage our strategic consulting services for the optimisation and development of coal mining and processing operations.

A key component of our strategic consulting services is our recognised ability in the development and manipulation of washability data, simulation using the LIMN package, and application of coal quality data to mine planning and coal specification derivation.

Key Services

- » Coal quality
- » Management of bore core testing
- » Process simulation
- » Concept, prefeasibility and feasibility
- » Due diligence and IPO work
- » Operational review
- » Mine product algorithms
- » Financial optimising modeling
- » Research and development

Engineering & Design

QCC delivers engineering and design for coal preparation and materials handling plants worldwide.

Our plant design is based on 3D AutoCAD supported by piping programs, and other programs including ProSteel, Inventor and CADWORX.

Project Delivery

QCC delivers an integrated EPC/M offering from concept through to asset management.

Our EPC/M capability is delivered via an industry standard operational model that links project practitioners to functional specialists ensuring access to industry leading technology and support services across the project lifecycle.

Construction management, engineering and procurement services are provided by QCC Resources; construction services are delivered through Downer's Infrastructure Division. One of Australia's largest providers of engineering services for critical infrastructure projects, Downer provides mechanical, electrical, instrumentation and technical capabilities.

Ongoing Commitment

We are committed to delivering industry leading solutions that optimise financial returns and maintain efficient processing for client operations.

Our solutions incorporate all stages of the project lifecycle from initial concept, prefeasibility and feasibility studies, to innovative CHPP plant design and EPC/M delivery.

Our focus on collaboration and Zero Harm supports a sustainable workplace for the health and safety of our people, and minimises our impact on the environment.

Some Recent Design & EPC Projects

- » Ravensworth North, 3000t/h
- » Curragh, 1200 t/h
- » Mangoola, 1800 t/h
- » Stockton, 250 t/h
- » Mt Arthur Coal, 3000 t/h
- » Goedgevonden Colliery, 2000 t/h
- » Liddell, 1000 t/h
- » Mt Owen, 650 t/h
- » Camberwell Coal, 1200 t/h
- » Isaac Plains, Carborough Downs, each 500 t/h
- » Newpac, 1250 t/h





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